PROVINCE OF BRITISH COLUMBIA

MINISTRY OF HEALTH

STATISTICS OF

HOSPITALIZED ACCIDENTS

IN

BRITISH COLUMBIA

APRIL 1, 1983 - MARCH 31, 1984

****

PREPARED FOR THE MINISTRY OF HEALTH

by

DATA SUPPORT

INSTITUTIONAL ADMINISTRATION

AND SUPPORT SERVICES

INSTITUTIONAL SERVICES

MINISTRY OF HEALTH

FOREWORD

The purpose of this report is to present in a statistical form, details of hospitalized accident cases in British Columbia. The data presented has, for the most part, been derived from the statistical information received from the national service bureaus performing medical record abstracting for the hospitals in British Columbia.

Although the formats of the tables are similar to those in past reports their content is slightly different. Care should be taken when comparing accident statistics up to and including March 31, 1982 to the subsequent period to ensure that coding anomalies between the ICD8 and ICD9 codes are taken into consideration. To assist in this area, the accident report now includes a definition of what is included in each category and the E-Code range considered to be applicable to these categories.

This report is significantly expanded from prior years so that we could include a finer breakdown of the data and provide a narrative of the significant points within each category. We have maintained an objective overview of the data and have not made policy or procedural recommendations although we have highlighted areas which may warrant consideration.

I wish to acknowledge the significant efforts put forward by
Vanessa MacDonald, Senior Research Officer and Dea Campbell, Research Clerk, in the preparation of this report.

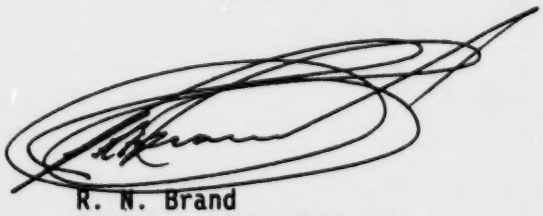

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TABLE OF CONTENTS

Introduction

	Page
Purpose	2
Scope of Accident Data	3
Exclusions	4
Accident Categories	6

Section I

All Hospitalized Accidents	11

Section II

Falls	22

Section III

Transportation	24

Section IV

Poisoning	34

Section V

Accidents Involving Abnormal Reaction During Surgical and Other Procedures	41

Section VI

Hospitalized Accidents in British Columbia Involving Fire, Environment and Submersion, etc.	45

Page

Section VII

Suicide, Homicide and Undetermined Injury 49

Section VIII

Hospitalized War, Legal, and Other Accidents in British Columbia 58

Section IX

Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use 62

Section X

Hospitalized Accidents in British Columbia Involving Late Effects 63

Section XI

Second Occurrence of an E-Code 64

Section XII

Ten Operations Performed on Accidents 68

Conclusion 72

TABLES

Table		Page
1 A	Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Cases	14
1 B	Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	15
1 C	Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Average Length of Stay	17
2 A	Hospitalized Accidents by Type of Accident and Age Group Type of Accident April 1, 1983 - March 31, 1984 Cases	18
2 B	Hospitalized Accidents by Type of Accident and Age Group Type of Accident April 1, 1983 - March 31, 1984 Days	20
2 C	Hospitalized Accidents by Type of Accident and Age Group Type of Accident April 1, 1983 - March 31, 1984 Average Length of Stay	21

Table		Page
3 A	Hospitalized Transportation Accidents by Injury and Poisoning Group Type of Transportation April 1, 1983 - March 31, 1984 Cases	26
3 B	Hospitalized Transportation Accidents by Injury and Poisoning Group Type of Transportation April 1, 1983 - March 31, 1984 Days	27
3 C	Hospitalized Transportation Accidents by Injury and Poisoning Group Type of Transportation April 1, 1983 - March 31, 1984 Average Length of Stay	29
3 D	Hospitalized Transportation Accidents by Sex and Age Group Type of Transportation April 1, 1983 - March 31, 1984 Cases	30
3 E	Hospitalized Transportation Accidents by Sex and Age Group Type of Transportation April 1, 1983 - March 31, 1984 Days	31
4 A	Hospitalized Poisoning Accidents by Injury and Poisoning Group Type of Poisoning April 1, 1983 - March 31, 1984 Cases	35

Table		Page
4 B	Hospitalized Poisoning Accidents by Injury and Poisoning Group Type of Poisoning April 1, 1983 - March 31, 1984 Days	36
4 C	Hospitalized Poisoning Accidents by Injury and Poisoning Group Type of Poisoning April 1, 1983 - March 31, 1984 Cases	38
4 D	Hospitalized Poisoning Accidents by Injury and Poisoning Group Type of Poisoning April 1, 1983 - March 31, 1984 Days	40
5 A	Hospitalized Accidents Involving Abnormal Reaction by Injury and Poisoning Group Type of Abnormal Reaction April 1, 1983 - March 31, 1984 Cases	42
5 B	Hospitalized Accidents Involving Abnormal Reaction by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	43
6 A	Hospitalized Accidents Involving Fire, Environment and Submersion, etc. by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Cases	46

Table		Page
6 B	Hospitalized Accidents Involving Fire, Environment and Submersion etc. by Injury and Poisoning Type of Accident April 1, 1983 - March 31, 1984 Days	47
7 A	Hospitalized Suicide, Homicide and Undetermined Accidents by Sex and Age Group Type of Accident April 1, 1983 - March 31, 1984 Cases	51
7 B	Hospitalized Suicide, Homicide and Undetermined Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	53
7 C	Hospitalized Suicide, Homicide and Undetermined Accidents by Sex and Age Group Type of Accident April 1, 1983 - March 31, 1984 Cases	55
7 D	Hospitalized Suicide, Homicide and Undetermined Accidents by Sex and Age Group Type of Accident April 1, 1983 - March 31, 1984 Days	56
8 A	Hospitalized War, Legal and Other Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Cases	59

Table		Page
8 B	Hospitalized War, Legal and Other Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	60
11 A	Second Occurrence of an "E" Code for Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Cases	65
11 B	Second Occurrence of an "E" Code for Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	66
12 A	Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Cases	69
12 B	Hospitalized Accidents by Injury and Poisoning Group Type of Accident April 1, 1983 - March 31, 1984 Days	70

GRAPHS

Graph		Page
1 A	Types of Hospitalized Accidents April 1, 1983 - March 31, 1984 Cases	16
1 B	Types of Hospitalized Accidents April 1, 1983 - March 31, 1984 Days	16
2 A	Ages of Hospitalized Accidents April 1, 1983 - March 31, 1984 Cases	19
3 A	Types of Transportation Accidents April 1, 1983 - March 31, 1984 Cases	28
3 B	Types of Transportation Accidents April 1, 1983 - March 31, 1984 Days	28
3 D	Transportation Accidents by Sex and Age April 1, 1983 - March 31, 1984 Cases	32
3 E	Transportation Accidents by Sex and Age April 1, 1983 - March 31, 1984 Days	32

Graph		Page
3 F	Motor Vehicle Traffic Accidents by Sex and Age April 1, 1983 - March 31, 1984 Cases	33
3 G	Motor Vehicle Traffic Accidents by Sex and Age April 1, 1983 - March 31, 1984 Days	33
4 A	Types of Poisoning Accidents April 1, 1983 - March 31, 1984 Cases	37
4 B	Types of Poisoning Accidents April 1, 1983 - March 31, 1984 Days	37
4 C	Poisoning Accidents by Age and Sex April 1, 1983 - March 31, 1984 Cases	39
5 A	Type of Abnormal Reaction Accidents April 1, 1983 - March 31, 1984 Cases	44
5 B	Type of Abnormal Reaction Accidents April 1, 1983 to March 31, 1984 Days	44
6 A	Types of Fire and Other Accidents April 1, 1983 - March 31, 1984 Cases	48
6 B	Types of Fire and Other Accidents April 1, 1983 - March 31, 1984 Days	

Graph		Page
7 A	Suicide, Homicide and Undetermined Accidents April 1, 1983 - March 31, 1984 Cases	52
7 B	Suicide, Homicide and Undetermined Accidents April 1, 1983 - March 31, 1984 Days	54
7 C	Suicide, Homicide and Undetermined Accidents by Sex and Age April 1, 1983 - March 31, 1984 Cases	57
7 D	Suicide, Homicide and Undetermined Accident by Sex and Age April 1, 1983 - March 31, 1984 Days	57
8 A	War, Legal and Other Accidents April 1, 1983 - March 31, 1984 Cases	61
8 B	War, Legal and Other Accidents April 1, 1983 - March 31, 1984 Days	61
11 A	Second E-Code Occurrences Types of Accidents April 1, 1983 - March 31, 1984 Cases	67
11 B	Second E-Code Occurrences Types of Accidents April 1, 1983 - March 31, 1984 Days	67

Graph		Page
12 A	Top Operations on Accidents April 1, 1983 - March 31, 1984 Cases	71
12 B	Top Ten Operations on Accidents April 1, 1983 - March 31, 1984 Days	71

EXECUTIVE SUMMARY

In 1983/84, accidents (including suicides) constituted the third leading cause of death in British Columbia, following deaths from chronic and ischemic heart disease and malignant neoplasms. Accidents are also the leading cause of death and hospital utilization in British Columbia amongst young people between the ages of one and forty years.

About 65,000 accidents were admitted to British Columbia hospitals in 1983/84 accounting for 703,000 hospital days. This means that about 10.5% of all patient days and about 20.5% of acute/rehabilitation days can be attributed to accidents.

These types of statistics infer considerable human costs and a heavy burden on the hospital system. Yet, on the assumption that accidents are avoidable, a heightened awareness on the part of potential victims and intervention on the part of policy designers and decision makers has the potential to reduce both the occurrences and severity of many accidents.

The following report looks at some key indicators which help to elucidate why, to whom and under what circumstances accidents occur. These measures give some indication of the usage of hospital facilities in treating accident victims and will provide an overview of trends over time.

*The following facts are notable:

- Falls are the most frequent cause of accidents, involving 25% of all accidents and 29% of all hospital days. However, few people die as a result of a fall.

- Transportation accidents account for only 15% of accident cases but are responsible for almost three times the number of deaths as falls.

- 39% of all poisonings admitted to hospital affect children under ten years of age, yet only 1% of all poisoning deaths in 1984 involved that same age group - a dramatic decrease from the 1950's.

- "Abnormal Reaction and Misadventure" account for the longest lengths of stay in hospital of any accident group, followed by "falls" and "drug reactions." Within that category approximately 4% of cases were attributed to "misadventure" on the part of an individual, three of which resulted in death in 1984.

- Attempted suicides, homicides (and accidents which have been undetermined as either) account for 9.5% of all accidents admitted to a British Columbia hospital. Three fourths of homicide accidents involve males between the age of fifteen and thirty-five years. More females attempt suicide than males, but three times as many males as females are successful.

- 46% of accidents admitted to a hospital in British Columbia affect individuals between fifteen and forty years.

RECOMMENDATIONS

Accident reports of this nature add to a much needed general information base, illuminating why accidents occur, to whom they occur and some indication of hospital resources used by accident victims.

It is, therefore, important to report data both consistently and accurately over time. This will allow the identification of key accident indicators, an idea of whether trends in specific accident categories are changing and, finally, clues as to where intervention aimed at prevention may best reduce the number and severity of accidents.

* These statistics reflect hospitalized accidents in British Columbia.

INTRODUCTION

In 1983/84 Accidents, Poisoning and Violence (including reported suicides) constituted the third leading cause of death in British Columbia, following deaths from chronic and ischemic heart disease and malignant neoplasms.[1]

Throughout Canada the death rate has increased for both sexes in the age groups between fifteen and twenty-four years.[2] This increase is attributed mainly to motor vehicle deaths, other accidents and suicide. In contrast, the death rate for the age group one to ten years has dropped dramatically since the 1950's.

Accidents are known to be the leading cause of death and hospital utilization in British Columbia amongst young people between the ages of one and forty years.

Almost as many people in British Columbia die annually as the result of a reported suicide or homicide, as are killed in motor vehicle traffic collisions.[1]

As a group, accident cases account for almost 65,000 admissions to hospitals throughout British Columbia, and the utilization of more than 703,000 hospital days. This means that about 10.5% of all patient days and almost 20.5% of all acute/rehabilitation days in British Columbia are attributed to accidents.

These are formidable statistics. Accidents account for untold anguish, pain and inconvenience in addition to financial expense and an immeasurable loss of manpower. All are potentially avoidable.

(1) Vital Statistics of B.C., 112 Report (1984)
(2) Health Field Indicators for Policy Planning, December, 1974

PURPOSE

The following report has been produced on the premise that information about accidents may help to minimize their occurrences and therefore reduce the burden that accidents place on society. It provides an insight into certain key aspects of acute and rehabilitation accidents admitted to British Columbia hospitals by presenting information such as: the accidents which account for the most hospital cases; longest lengths of stay and the sex and age groups to which accidents occur most frequently. Such indicators give some measure of the usage of hospital facilities in treating accident victims and will provide an overview of certain trends over time.

SCOPE OF ACCIDENT DATA

When the victim of an accident in British Columbia is admitted to hospital, an admission/separation record is completed. This record contains information about the patient and the condition for which the patient was admitted. Amongst this information is a description of the nature of the injury, (which is coded according to the ICD 9th revision classification)[1] and a supplementary E code classification which codes an additional description of how an accident may have occurred, i.e., its cause. The following example illustrates this coding: When a fall is admitted to hospital as an inpatient, the accident is coded first with an E888 code describing the fall, and is then, in addition, coded with a nature of injury code from 800-999 describing the condition as a fracture of the humerus.

All of the records used in this report are extracted from general admission/separation form information when an E code is encountered for the first time on scanning the record.

Exclusions and Discards

In 1983/84, almost 65,000 accidents were reported hospitalized in British Columbia in this fashion. Some records were either discarded or excluded from the statistics as the result of coding irregularities.

Of particular note, are potential miscodes in some accident categories such as drug related accidents and abnormal reaction which tend to skew the data.

(1) The International Conference for the Ninth Revision of the International Classification of Diseases, 1975.

Exclusions cover:

1. Deaths from Accidents

   Accident victims sometimes die at the scene of an accident or elsewhere without ever being admitted to a hospital and are therefore incompletely covered in hospital returns. For this reason, death statistics from the B.C. Division of Vital Statistics have been used to supplement this report.

2. Outpatient Accident Cases

   Often an accident case is admitted to emergency, for example, treated and released before being admitted to a hospital as an inpatient. This is called a "short stay" and as such does not require an admission/separation form.

3. Accidents Which Receive No Treatment In Acute Care Hospitals

   These are usually minor accidents falling outside the scope of this bulletin.

4. Armed Forces Hospitals

   Hospitalized accident cases admitted to Canadian Forces Base Hospitals are excluded from the data.

The remaining records are compiled into the accident report which begins with accident data of a broad nature and gradually narrows into more specific accident categories. A new coding system has replaced the old and the data elements are no longer strictly comparable. Mortality data which is available from Vital Statistics is included in the report. It records the number of deaths which have resulted from accidents. This is distinct from the information contained within these pages, which reports only hospitalized accident cases.

It should be pointed out that, because of the limited scope of this accident report, numerous exclusions and very broadly defined terms, considerable caution should be used in viewing the data and analyzing the results. Persons making use of this data should make reference to the text and to footnotes to ensure they are aware of changes in coding and classification since the bulletin was first published 24 years ago.

ACCIDENT CATEGORIES

The following report has divided accident text, tables and graphs into one summary set of general accident statistics and twelve sub-categories, to be summarized as follows:

Section	I	- All Hospitalized Accidents
Section	II	- Falls
*Section	III	- Transportation
*Section	IV	- Poisoning
*Section	V	- Accidents Involving Abnormal Reaction During Surgical and Other Procedures
*Section	VI	- Hospitalized Accidents in B.C. Involving Fire, Environment and Submersion
Section	VII	- Suicide, Homicide and Undetermined Injury
*Section	VIII	- Hospitalized War, Legal, and Other Accidents in British Columbia
Section	IX	- Drugs, Medicaments and Biological Substances Causing Adverse Effects in Therapeutic Use
Section	X	- Hospitalized Accidents in British Columbia Involving Late Effects
Section	XI	- Second Occurrence of an E-Code
Section	XII	- Ten Operations Performed on Accidents

Those categories indicated with an asterisk are broken down into finer sub-categories.

These categories have been adapted for the purpose of this report from a wide range of existing ICD 9th classifications[1] and are defined at length on the following pages, by use of the relevant E-Codes.

(1) International Classification of Diseases, 1975 Revision, Volume 1 World Health Organization.

Section I - All Hospitalized Accidents

Section II - Falls (E880-E888)

- accidental falls.

Section III - Transportation (E800-E848)

- any accident involving a device designed primarily for conveying persons or goods from one place to another.

Section IV - Poisoning (E850-E869)

- accidental poisoning by drugs, medicaments and biologicals. It includes the accidental overdose of a drug, the wrong drug given or taken in error, drugs taken inadvertently and accidents in the use of drugs and biologicals in medical and surgical procedures. It excludes a correct drug properly administered in therapeutic or prophylactic dosage as the cause of any adverse effect.

- accidental poisoning by other solid and liquid substances, gases and vapors.

Section V - Abnormal Reaction (E870-E879)

- misadventure to patients during surgical and medical care.

- surgical and medical procedures as the cause of abnormal reaction to patient or later complication without mention of misadventure at the time of the procedure.

Section VI - Fire, Environment and Submersion, etc. (E890-E915)

- accidents caused by fire and flames, including asphyxia or poisoning due to conflagrations or ignition burning by fire, and secondary fires resulting from explosion.

- accidents due to natural and environmental factors, such as excessive heat and cold, high and low pressure and changes in air pressure, travel and motion, hunger, thirst, venomous animals, other injury caused by animals, storms, floods, earth movements.

- accidental drowning and submersion.

- inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation and mechanical suffocation.

- entrance of foreign body.

Section VII - Suicide, Homicide and Undetermined (E950-E989)

- injuries in suicide and attempted suicide and self-inflicted injury.

- homicide and injury purposely inflicted by other persons excluding injuries due to legal intervention and operations of war.

- injury undetermined whether accidentally or purposely inflicted for use when it is stated that an investigation by a medical or legal authority has not determined whether the injuries are accidental, suicidal or homicidal.

Section VIII - War, Legal and Other (E916-E928)

- other accidents not defined elsewhere such as being struck accidentally by falling objects; or person or object; or being caught accidentally between objects; or accidents caused by machinery; accidents caused by cutting and piercing instruments or objects; accidents by explosion of pressure vessel; and accidents caused by "firearms."

Section IX - Drugs (E930-E949)

- drugs, medicaments and biological substances causing adverse effects in therapeutic use; including correct drug properly administered in therapeutic or prophylactic dosage, as the cause of an adverse effect.

Section X - Late Effects (E929)

- This category is used to indicate that death resulted from late or residual effects of a given disease or injury rather than the active phase.

Section XI - Second occurrence of an E-Code.

Section XII - Ten operations performed on accidents.

SECTION I

ALL HOSPITALIZED ACCIDENTS

ALL HOSPITALIZED ACCIDENTS

Those accidents where a victim of an accident in British Columbia is admitted to hospital, an admission/separation record is completed.

SUMMARY

There were about 65,000 accident cases admitted to British Columbia hospitals in 1983/84, accounting for over 703,000 hospital days (Tables and Graphs 1A, 1B). This is a gradual increase in the number of cases and days attributed to accidents (Figures 1 and 2).

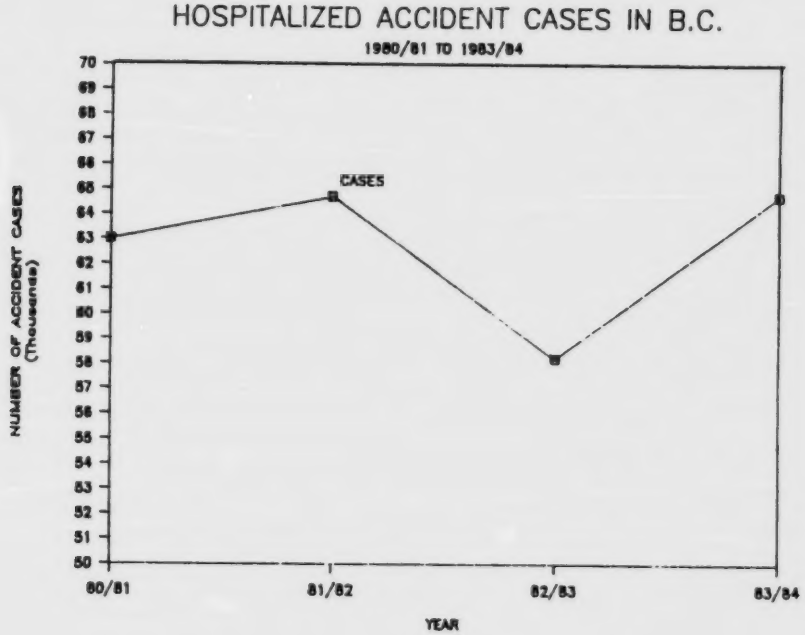


Figure 1

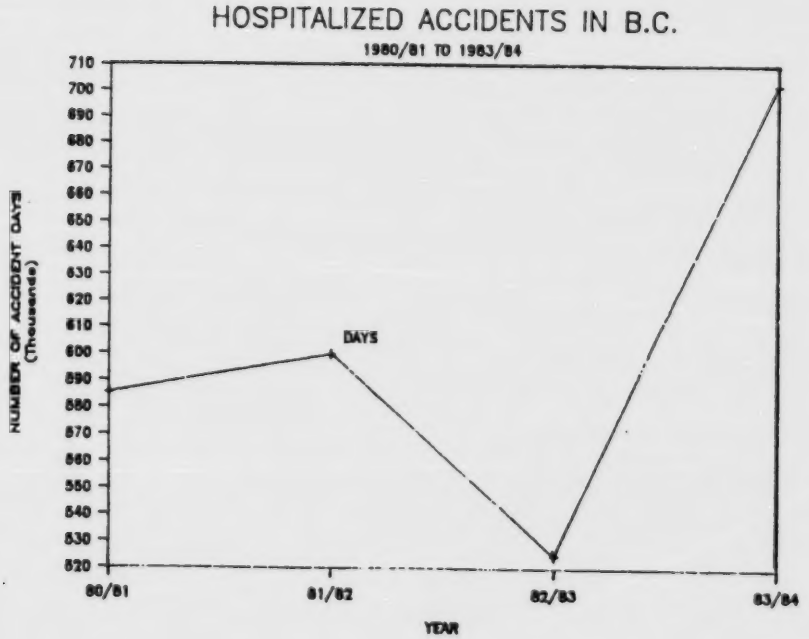


Figure 2

Since the British Columbia population has also risen slightly over time (Figure 3), it is necessary to use a relative indicator such as the incidence of hospital cases or days per thousand population, in order to determine a change in accident hospitalization.

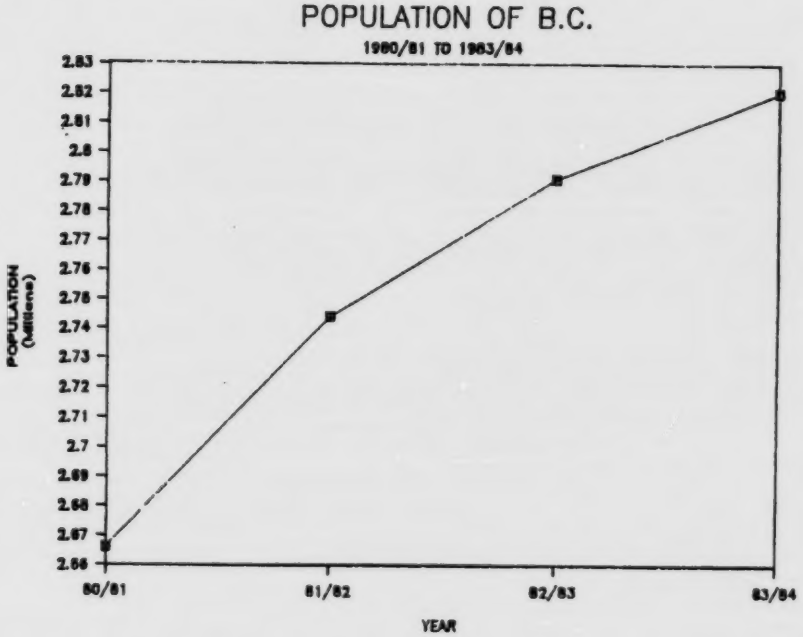


Figure 3

Figure 4 illustrates that the rate per thousand hospital cases as a result of accidents has declined slightly over time, the rate per thousand hospital days (Figure 5) has risen about 12% since 1980/81. In 1983/84, an accident case spent an average of 10.86 days in hospital which can be compared with 9.3 days in 1980/81, 9.28 in 1981/82, and 9.02 in 1982/83. This means that hospitals are being used at an increasing rate. Possibly this rise in the average length of stay may be attributed to an increase in the severity of accidents.

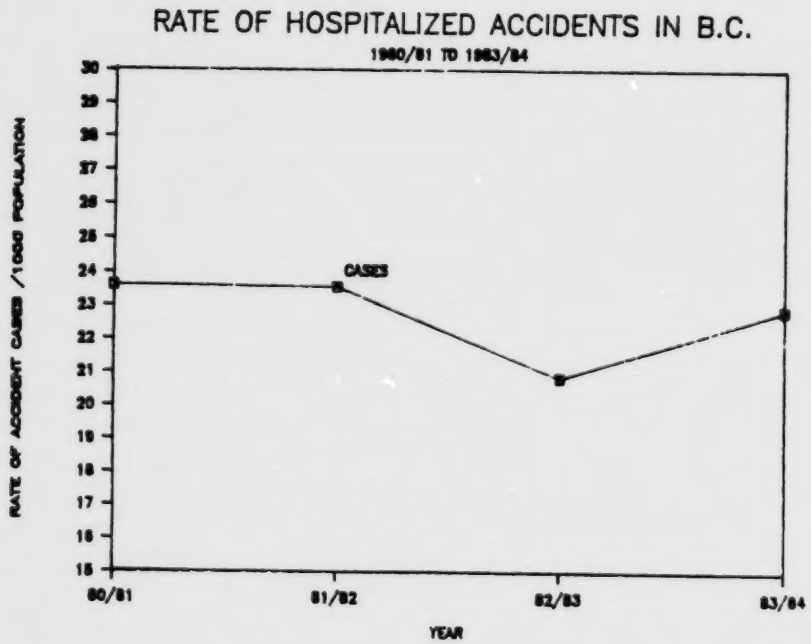


Figure 4

In order, the three categories in which accident cases occur most frequently are "falls","abnormal reaction and misadventure" and "transportation" (Table 1A). However, the three categories accounting for the longest lengths of stay in a hospital are "abnormal reaction and misadventure" at 15.6 days, "falls" at 12.3 average length of stay at 9.1 days (Table 1C).

The number of accident cases which are hospitalized, peaks between the ages of twenty-five and thirty-five years, subsides and tends to rise again after the age of forty-five (Table and Graph 2A). In fact, 46% of all accidents affect individuals between the ages of fifteen and forty-nine years of age.

Fractures of the spine and trunk, fractures of the lower limbs, and complications of surgery and medical care account for the longest "average length of stay" for accidents in hospital (Table 1C).

Detailed information follows within the sub-categories:

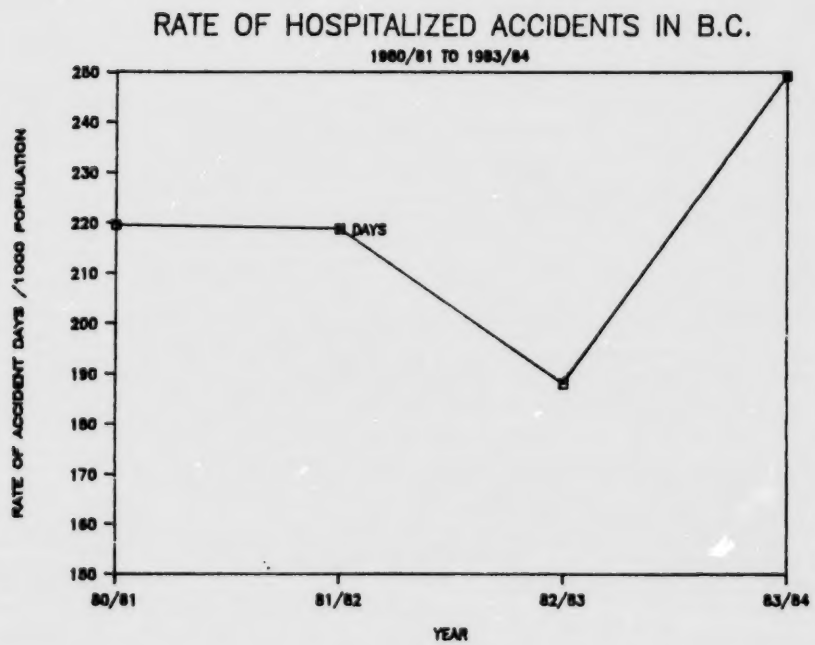


Figure 5

TABLE 1A

CASES

HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984

TYPE OF ACCIDENT

INJURY AND POISONING	TRANS.	POISON	MISADV. & ABN.RX.	FALLS	FIRE ENVIRON SUBMER	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR LEGAL OTHER ACC.	ROW TOTALS
1 FRACTURE OF SKULL	765	0	7	656	22	1	1	631	325	2,408
2 FRACTURE OF SPINE AND TRUNK	1,167	1	15	1,636	12	8	2	59	280	3,180
3 FRACTURE OF UPPER LIMB	1,013	1	4	2,848	18	4	1	171	624	4,684
4 FRACTURE OF LOWER LIMB	1,560	1	20	5,600	33	5	2	126	860	8,207
5 DISLOCATION	281	1	4	611	7	8	1	46	639	1,598
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	446	0	7	923	12	21	0	33	1,324	2,766
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	1,730	6	2	1,440	18	5	1	270	447	3,919
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	469	1	52	181	22	4	2	183	151	1,065
9 OPEN WOUND OF HEAD, NECK, TRUNK	466	2	20	471	100	2	2	407	348	1,818
10 OPEN WOUND OF UPPER LIMB	97	1	6	80	34	3	0	325	990	1,536
11 OPEN WOUND OF LOWER LIMB	113	0	15	52	11	5	0	20	351	567
12 INJURY OF BLOOD VESSELS	37	0	8	5	0	0	0	21	43	114
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	94	3	98	87	14	833	5	90	108	1,332
14 SUPERFICIAL INJURY	142	0	8	139	29	0	0	45	119	482
15 CONTUSION WITH INTACT SKIN SURFACE	664	1	21	949	23	3	6	322	539	2,528
16 CRUSHING INJURY	49	0	0	6	1	1	3	1	113	174
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	3	1	14	1	502	0	3	17	11	552
18 BURNS	37	13	17	8	279	1	3	29	643	1,030
19 INJURY TO NERVES & SPINAL CORD	54	0	14	57	4	10	0	18	110	267
20 CERTAIN TRAUMATIC COMPLICATIONS	185	1	26	259	12	15	2	85	211	796
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	1	645	13	2	1	0	1,779	2,552	2	4,995
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	6	342	4	1	122	0	11	242	1	729
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	18	46	164	6	212	3	597	67	65	1,178
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	8	8	12,848	49	9	16	104	9	36	13,087
25 UNSPECIFIED	229	105	1,892	396	83	290	2,102	224	436	5,757
TOTAL INJURIES AND POISONINGS	9,634	1,179	15,279	16,463	1,580	1,238	4,627	5,993	8,776	64,769
PERCENT OF TOTAL:	14.9%	1.8%	23.6%	25.4%	2.4%	1.9%	7.1%	9.3%	13.5%	100.0%

TABLE 18

HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984

DAYS

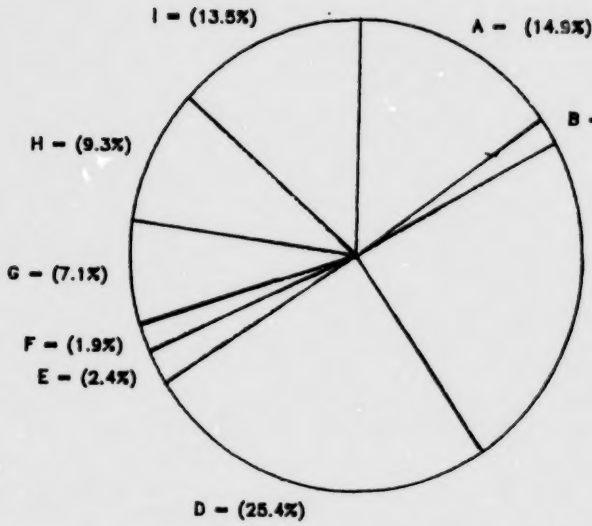
TYPE OF ACCIDENT

INJURY AND POISONING	TRANS-PORTATION	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
1 FRACTURE OF SKULL	6,711	0	84	4,970	116	4	1	2,561	1,457	15,904
2 FRACTURE OF SPINE AND TRUNK	20,137	1	659	30,247	72	104	21	1,029	4,306	56,576
3 FRACTURE OF UPPER LIMB	5,349	5	8	18,844	63	15	4	824	1,874	26,986
4 FRACTURE OF LOWER LIMB	21,802	8	649	103,655	255	221	18	1,523	8,748	136,879
5 DISLOCATION	1,303	1	45	2,692	36	24	9	128	3,076	7,314
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	2,026	0	26	5,149	39	97	0	152	5,923	13,412
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	13,773	8	18	6,696	30	38	8	1,349	1,908	23,828
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	4,444	1	845	1,127	145	70	3	1,713	883	9,231
9 OPEN WOUND OF HEAD, NECK, TRUNK	1,451	3	96	5,270	345	5	23	2,167	1,289	10,649
10 OPEN WOUND OF UPPER LIMB	316	1	121	904	143	6	0	2,641	2,848	6,980
11 OPEN WOUND OF LOWER LIMB	1,109	0	321	1,542	80	32	0	111	2,087	5,282
12 INJURY OF BLOOD VESSELS	202	0	54	7	0	0	0	137	313	713
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	1,675	46	1,180	772	221	10,720	40	852	714	16,220
14 SUPERFICIAL INJURY	540	0	1,005	2,120	200	0	0	214	912	4,991
15 CONTUSION WITH INTACT SKIN SURFACE	1,933	6	135	9,463	90	21	40	1,190	2,238	15,116
16 CRUSHING INJURY	593	0	0	21	3	6	10	2	592	1,227
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	5	2	207	1	2,156	0	15	05	23	2,494
18 BURNS	477	57	188	70	3,719	9	245	606	6,874	12,245
19 INJURY TO NERVES & SPINAL CORD	803	0	110	604	106	57	0	235	773	2,688
20 CERTAIN TRAUMATIC COMPLICATIONS	730	3	280	2,120	54	69	9	417	1,059	4,741
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	6	2,700	197	3	1	0	17,516	14,664	2	35,089
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	12	1,248	78	2	344	0	78	1,289	2	3,053
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	40	207	1,584	16	1,234	20	8,945	708	261	13,015
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	141	20	201,301	1,516	80	115	1,857	142	380	205,552
25 UNSPECIFIED	2,138	967	29,412	4,926	1,011	2,914	26,683	2,235	2,676	72,962
TOTAL INJURIES AND POISONINGS	87,716	5,284	238,603	202,737	10,543	14,547	55,525	36,974	51,218	703,147
PERCENT OF TOTAL:	12.5%	0.8%	33.9%	28.8%	1.5%	2.1%	7.9%	5.3%	7.3%	100.0%

TYPES OF HOSPITALIZED ACCIDENTS

APR 1/83 TO MAR 31/84 (CASES)

Graph 1A

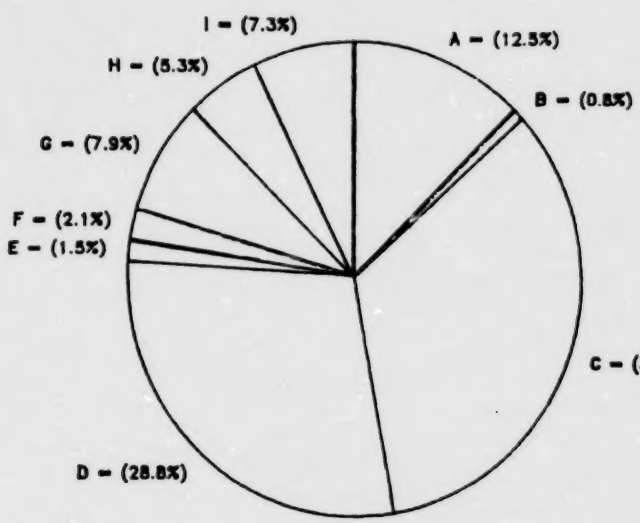


A - Transportation	-	9,634
B - Poison	-	1,179
C - Misadv. & ABN.RX.	-	15,279
D - Falls	-	16,463
E - Fire,Env. & Subm.	-	1,580
F - Late Effects	-	1,238
G - Drugs Etc.	-	4,627
H - Suic.Homic. & Und.	-	5,993
I - War,Legal & Other	-	8,776
TOTAL	-	64,769

TYPES OF HOSPITALIZED ACCIDENTS

APR 1/83 TO MAR 31/84 (DAYS)

Graph 1B



A - Transportation	-	87,716
B - Poison	-	5,284
C - Misadv. & ABN.RX.	-	238,603
D - Falls	-	202,737
E - Fire,Env. & Subm.	-	10,543
F - Late Effects	-	14,547
G - Drugs Etc.	-	55,525
H - Suic.Homic. & Und.	-	36,974
I - War,Legal & Other	-	51,218
TOTAL	-	703,147

TABLE 1C

HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984

AVERAGE LENGTH OF STAY

INJURY AND POISONING	TYPE OF ACCIDENT									
	TRANS-PORTATION	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
1 FRACTURE OF SKULL	8.77	0.00	12.00	7.58	5.27	4.00	1.00	4.06	4.48	6.60
2 FRACTURE OF SPINE AND TRUNK	17.26	1.00	43.93	18.49	6.00	13.00	10.50	17.44	15.38	17.79
3 FRACTURE OF UPPER LIMB	5.28	5.00	2.00	6.62	3.50	3.75	4.00	4.82	3.00	5.76
4 FRACTURE OF LOWER LIMB	13.98	8.00	32.45	18.51	7.73	44.20	9.00	12.09	10.17	16.68
5 DISLOCATION	4.64	1.00	11.25	4.41	5.14	3.00	9.00	2.78	4.81	4.58
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	4.54	0.00	3.71	5.58	3.25	4.62	0.00	4.61	4.47	4.85
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	7.96	1.33	9.00	4.65	1.67	7.60	8.00	5.00	4.27	6.08
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	9.48	1.00	16.25	6.23	6.59	17.50	1.50	9.36	5.85	8.67
9 OPEN WOUND OF HEAD, NECK, TRUNK	3.11	1.50	4.80	11.19	3.45	2.50	11.50	5.32	3.70	5.86
10 OPEN WOUND OF UPPER LIMB	3.26	1.00	20.17	11.30	4.21	2.00	0.00	8.13	2.88	4.54
11 OPEN WOUND OF LOWER LIMB	9.81	0.00	21.40	29.65	7.27	6.40	0.00	5.55	5.95	9.32
12 INJURY OF BLOOD VESSELS	5.46	0.00	6.75	1.40	0.00	0.00	0.00	6.52	7.28	6.25
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	17.82	15.33	12.04	8.87	15.79	12.87	8.00	9.47	6.61	12.18
14 SUPERFICIAL INJURY	3.80	0.00	125.63	15.25	6.90	0.00	0.00	4.76	7.66	10.35
15 CONTUSION WITH INTACT SKIN SURFACE	2.91	6.00	6.43	9.97	3.91	7.00	6.67	3.70	4.15	5.98
16 CRUSHING INJURY	12.10	0.00	0.00	3.50	3.00	6.00	3.33	2.00	5.24	7.05
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	1.67	2.00	14.79	1.00	4.29	0.00	5.00	5.00	2.09	4.52
18 BURNS	12.89	4.38	11.06	8.75	13.33	9.00	81.67	20.90	10.69	11.89
19 INJURY TO NERVES & SPINAL CORD	14.87	0.00	7.86	10.60	26.50	5.70	0.00	13.06	7.03	10.07
20 CERTAIN TRAUMATIC COMPLICATIONS	3.95	3.00	10.77	8.19	4.50	4.60	4.50	4.91	5.02	5.96
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	6.00	4.19	15.15	1.50	1.00	0.00	9.85	5.75	1.00	7.02
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	2.00	3.65	19.50	2.00	2.82	0.00	7.09	5.33	2.00	4.19
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	2.22	4.50	9.66	2.67	5.82	6.67	14.98	10.57	4.02	11.05
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	17.63	2.50	15.67	30.94	8.89	7.19	17.86	15.78	10.56	15.71
25 UNSPECIFIED	9.34	9.21	15.55	12.44	12.18	10.05	12.69	9.98	6.14	12.67
TOTAL INJURIES AND POISONINGS	9.10	4.48	15.62	12.31	6.67	11.75	12.00	6.17	5.84	10.86

TABLE 2A

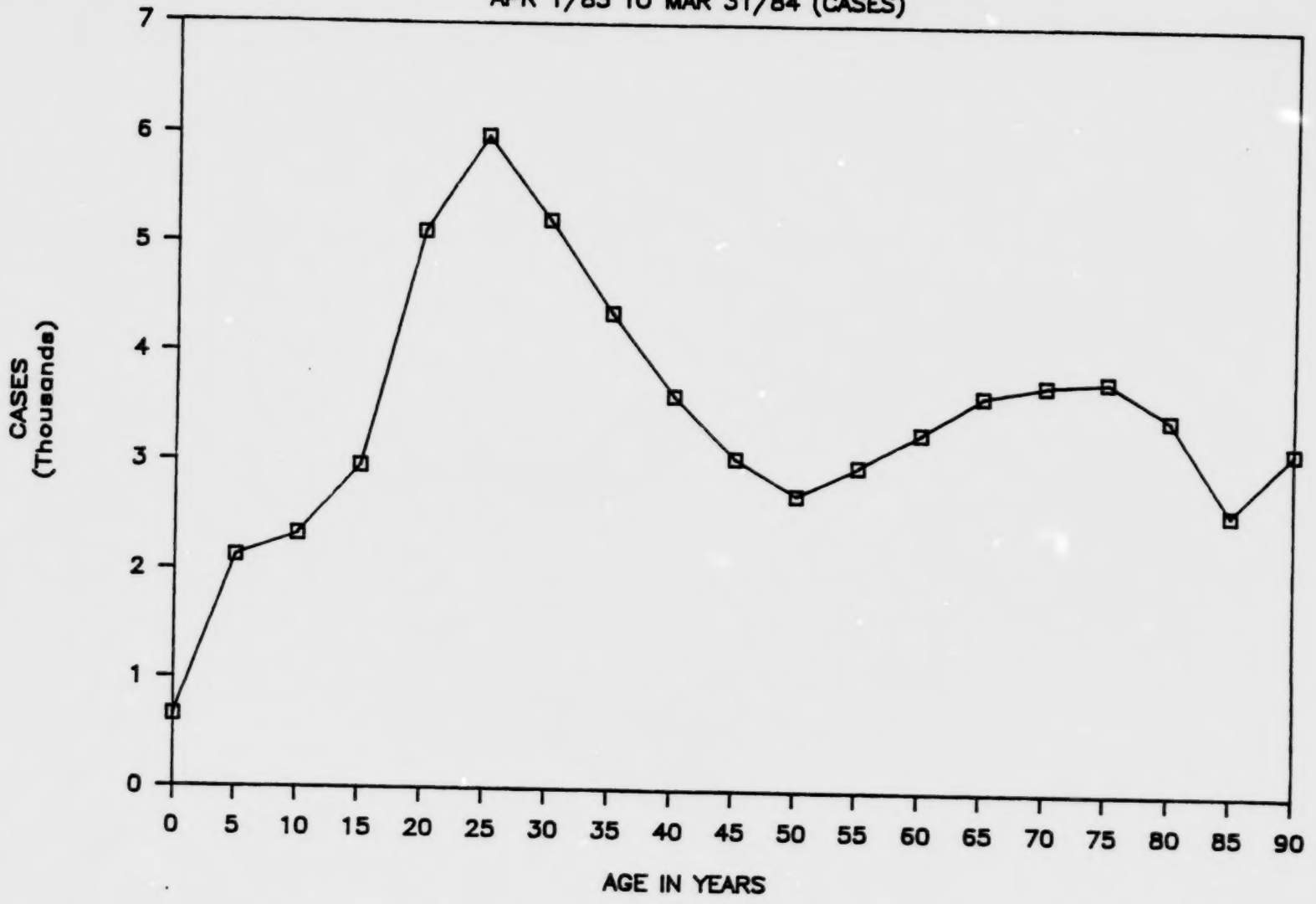
CASES

HOSPITALIZED ACCIDENTS BY TYPE OF ACCIDENT AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984

AGE GROUP	TYPE OF ACCIDENT									
	TRANS-PORTATION	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
UNDER 1 YEAR	30	44	197	156	65	0	50	26	87	655
1 - 4 YEARS	219	369	210	665	211	21	91	50	291	2,127
5 - 9 YEARS	564	46	212	967	124	35	65	30	290	2,333
10 - 14 YEARS	838	42	166	886	117	51	72	200	585	2,957
15 - 19 YEARS	1,637	63	439	757	85	120	115	862	1,022	5,100
20 - 24 YEARS	1,662	60	632	824	132	135	220	1,073	1,241	5,979
25 - 29 YEARS	1,081	65	810	721	110	171	194	942	1,116	5,210
30 - 34 YEARS	773	62	779	714	93	121	208	732	882	4,364
35 - 39 YEARS	513	48	770	641	81	108	182	548	725	3,616
40 - 44 YEARS	440	39	773	543	60	69	190	388	549	3,051
45 - 49 YEARS	355	52	722	560	61	75	185	301	412	2,723
50 - 54 YEARS	283	33	1,014	617	73	68	263	254	382	2,987
55 - 59 YEARS	291	45	1,191	799	70	72	319	174	338	3,299
60 - 64 YEARS	237	52	1530	895	71	64	389	125	274	3637
65 - 69 YEARS	231	46	1,611	1,018	48	43	473	91	179	3,740
70 - 74 YEARS	214	44	1,547	1,187	53	27	495	69	147	3,783
75 - 79 YEARS	132	33	1,273	1,284	50	30	472	62	110	3,446
80 - 84 YEARS	81	14	785	1,230	35	15	316	33	82	2,591
85 + YEARS	53	22	618	1,999	41	13	328	33	64	3,171
TOTAL	9,634	1,179	15,279	16,463	1,580	1,238	4,627	5,993	8,776	64,769

AGES OF HOSPITALIZED ACCIDENTS

APR 1/83 TO MAR 31/84 (CASES)



Graph 2A

TABLE 2B

DAYS

HOSPITALIZED ACCIDENTS BY TYPE OF ACCIDENT AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984

AGE GROUP	TYPE OF ACCIDENT									
	TRANS-PORTATION	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
UNDER 1 YEAR	95	677	5,761	430	623	0	651	289	556	9,082
1 - 4 YEARS	970	513	2,511	2,402	1,202	250	474	536	1,635	10,493
5 - 9 YEARS	3,214	87	2,029	3,043	734	606	502	100	1,240	11,555
10 - 14 YEARS	4,336	81	2,430	4,031	767	971	473	720	2,558	16,367
15 - 19 YEARS	14,344	124	4,899	4,408	450	1,584	1,501	3,955	4,011	35,276
20 - 24 YEARS	14,969	295	5,775	4,584	871	1,000	2,216	5,255	5,360	40,325
25 - 29 YEARS	8,966	162	6,581	3,723	522	1,599	2,139	4,724	5,384	33,800
30 - 34 YEARS	7,320	193	7,315	3,855	512	1,140	2,212	4,073	3,840	30,460
35 - 39 YEARS	5,429	184	7,481	3,738	462	1,367	1,917	3,032	4,077	27,687
40 - 44 YEARS	3,584	189	8,163	3,681	245	615	2,040	2,403	3,210	24,130
45 - 49 YEARS	3,583	474	9,786	5,156	271	854	1,770	2,159	2,582	26,635
50 - 54 YEARS	2,965	241	14,324	4,928	580	770	2,576	2,131	2,501	31,016
55 - 59 YEARS	4,197	243	18,191	8,308	553	729	3,438	2,213	2,800	40,672
60 - 64 YEARS	3,026	467	22,868	10,551	568	800	4,940	1,357	2,170	46,747
65 - 69 YEARS	2,579	429	30,143	14,685	560	528	5,716	1,034	1,769	57,443
70 - 74 YEARS	3,056	349	31,147	19,367	461	339	6,373	826	1,644	63,562
75 - 79 YEARS	2,222	298	26,234	26,435	470	395	6,603	1,049	1,386	65,092
80 - 84 YEARS	1,419	109	16,739	27,613	396	645	4,802	612	1,304	53,639
85 + YEARS	1,442	169	16,226	51,799	296	355	5,182	506	3,191	79,166
TOTAL	87,716	5,284	238,603	202,737	10,543	14,547	55,525	36,974	51,218	703,147

TABLE 2C

HOSPITALIZED ACCIDENTS BY TYPE OF ACCIDENT AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984

AVERAGE LENGTH OF STAY

AGE GROUP	TYPE OF ACCIDENT									
	TRANS-PORTATION	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
UNDER 1 YEAR	3.17	15.39	29.24	2.76	9.58	0.00	13.02	11.12	6.39	13.87
1 - 4 YEARS	4.43	1.39	11.96	3.61	5.70	11.90	5.21	10.72	5.62	4.93
5 - 9 YEARS	5.70	1.89	9.57	3.15	5.92	17.31	7.72	3.33	4.28	4.95
10 - 14 YEARS	5.17	1.93	14.64	4.55	6.56	19.04	6.57	3.60	4.37	5.54
15 - 19 YEARS	8.76	1.97	11.16	5.82	5.29	13.20	13.05	4.59	3.92	6.92
20 - 24 YEARS	9.01	4.92	9.14	5.56	6.60	7.41	10.07	4.90	4.32	6.74
25 - 29 YEARS	8.29	2.49	8.12	5.16	4.75	9.35	11.03	5.01	4.82	6.49
30 - 34 YEARS	9.47	3.11	9.39	5.40	5.51	9.42	10.63	5.56	4.35	6.98
35 - 39 YEARS	10.58	3.83	9.72	5.83	5.70	12.66	10.53	5.53	5.62	7.66
40 - 44 YEARS	8.15	4.85	10.56	6.78	4.08	8.91	10.74	6.19	5.85	7.91
45 - 49 YEARS	10.09	9.12	13.55	9.21	4.44	11.39	9.57	7.17	6.27	9.78
50 - 54 YEARS	10.48	7.30	14.13	7.99	7.95	11.32	9.79	8.39	6.55	10.38
55 - 59 YEARS	14.42	5.40	15.27	10.40	7.90	10.13	10.78	12.72	8.28	12.33
60 - 64 YEARS	12.77	8.98	14.95	11.79	8.00	12.50	12.70	10.86	7.92	12.85
65 - 69 YEARS	11.16	9.33	18.71	14.43	11.67	12.28	12.08	11.36	9.88	15.36
70 - 74 YEARS	14.28	7.93	20.13	16.32	8.70	12.56	12.87	11.97	11.18	16.80
75 - 79 YEARS	16.83	9.03	20.61	20.59	9.40	13.17	13.99	16.92	12.60	18.89
80 - 84 YEARS	17.52	7.79	21.32	22.45	11.31	43.00	15.20	18.55	15.90	20.70
85 + YEARS	27.21	7.68	26.26	25.91	7.22	27.31	15.80	15.33	49.86	24.97
TOTAL	9.10	4.48	15.62	12.31	6.67	11.75	12.00	6.17	5.84	10.86

SECTION II

FALLS

FALLS (E880 - E888)

* All accidental falls involving a fall from one level of ground, building or structure to another, or a fall on the same level caused from slipping, tripping, stumbling, collision, pushing and shoving. This definition includes a fall into a hole or other opening in the surface, as well as fracture, cause unspecified and other unspecified falls.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

FALLS

The largest accident group comprised of falls, accounts for 25% of all accidents, and 29% of all hospital accident days (Graphs and Tables 1A, 1B, 1C). However, despite the fact that there were 16,463 falls hospitalized this year in British Columbia, Vital Statistics reported only 245 deaths as the result of a fall in 1984.

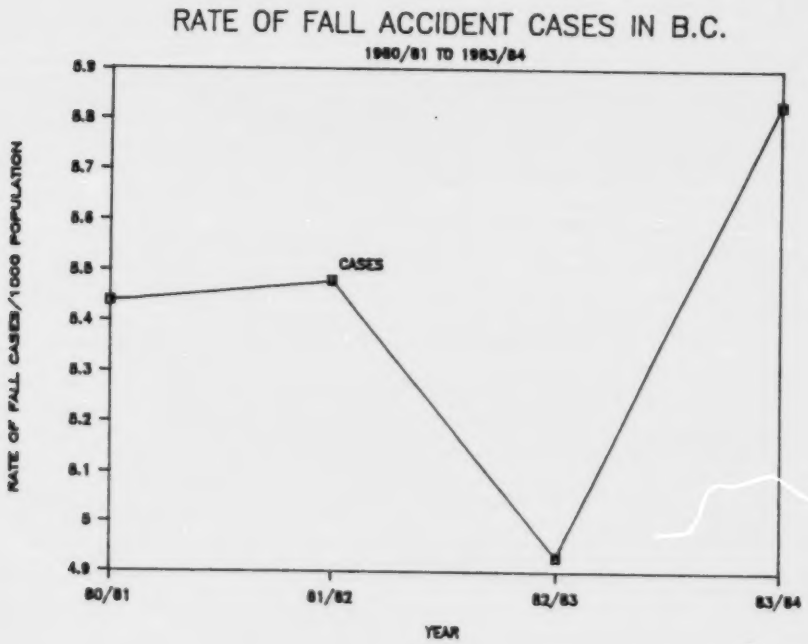


Figure 6

According to B.C. Vital Statistics, the death rate from falls has declined from 10.7 per thousand population in 1980 through 1982 to 9.1 per thousand in 1983,[1] while the rate of hospitalization (per thousand population) of fall cases has increased slightly over four years (Figure 6). However, the rate of hospitalized days per thousand population for falls has fluctuated between 1980 and 1984 (Figure 7). The time trends on hospitalization should be viewed with caution as classification has changed three times in four years and data is not strictly comparable. Over 65% of the injuries reported as a result of falls were fractures.

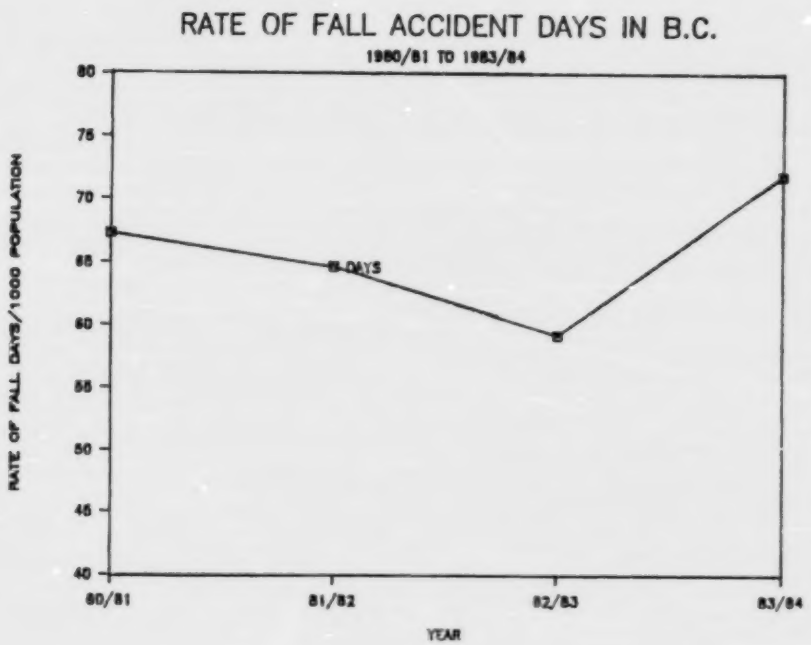


Figure 7

(1) Vital Statistics 1984, p.38

SECTION III

TRANSPORTATION ACCIDENTS

TRANSPORTATION (E800-E848)

* Any accident involving a device designed primarily for conveying persons or goods from one place to another.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

TRANSPORTATION

Transportation accounts for about 9,600 cases or 15% of all hospitalized accident cases and 88,000 hospital days or approximately 12.5% of all hospital accident days (Graphs 3A and 3B). As a category, it is comprised of all types of accidents involving transportation, but the sub-category motor vehicle traffic accidents accounts for 73% of these transportation accident cases (Table 3A), or about 85% of transportation days (Table 3B) and 11% of all accidents admitted to hospitals. Each patient admitted to hospital as a result of a transportation accident spends an average of 9.10 days.

Vital Statistics reported 643 deaths in the transportation category of which 519 deaths were attributed to motor vehicle accidents. This is almost three times the number of deaths attributed to falls, which is the largest accident category. Both the incidence of hospitalization and deaths for transportation are highly age and sex related (Tables and Graphs 3D and 3E).

B.C. Vital Statistics show that 62% of all motor vehicle traffic deaths occur between the ages of ten and forty years. Over 77% of those motor vehicle traffic deaths between the ages of ten and forty years are males. About three times as many males as females in that age group die as a result of motor vehicle accidents (Figure 8). With respect to hospitalization, over 68% of motor vehicle traffic accidents or 50% of all transportation accidents, involve individuals between the ages of ten and forty years (Graphs 3F and 3G). Almost 2.5 times as many males as females are affected (71%).

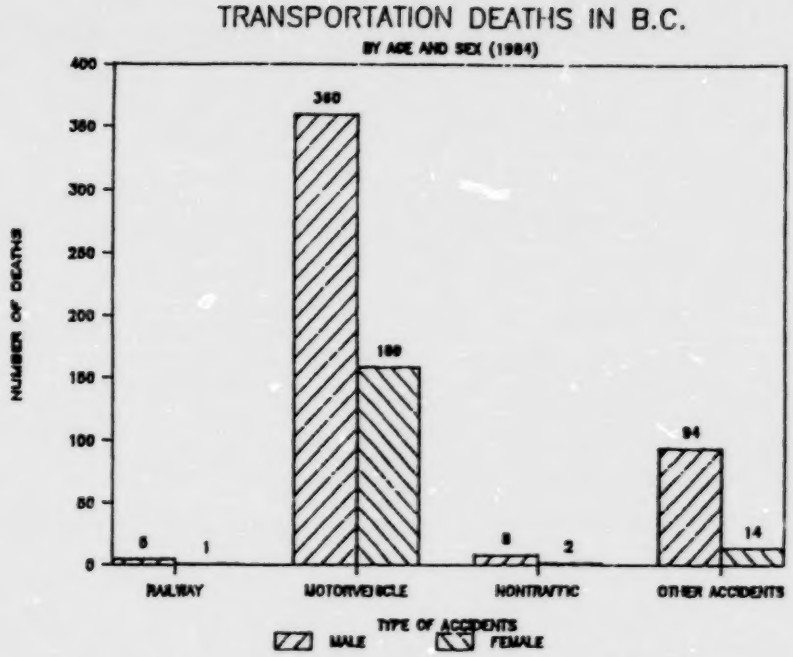


Figure 8

Despite the probable blip in the data in 1982/83, the incidence of hospitalized transportation accident cases per thousand population seems to be on the downswing over four years from 3.91 cases/per thousand in 1980/81 to 3.41 cases per thousand in 1983/84 (Figure 9).

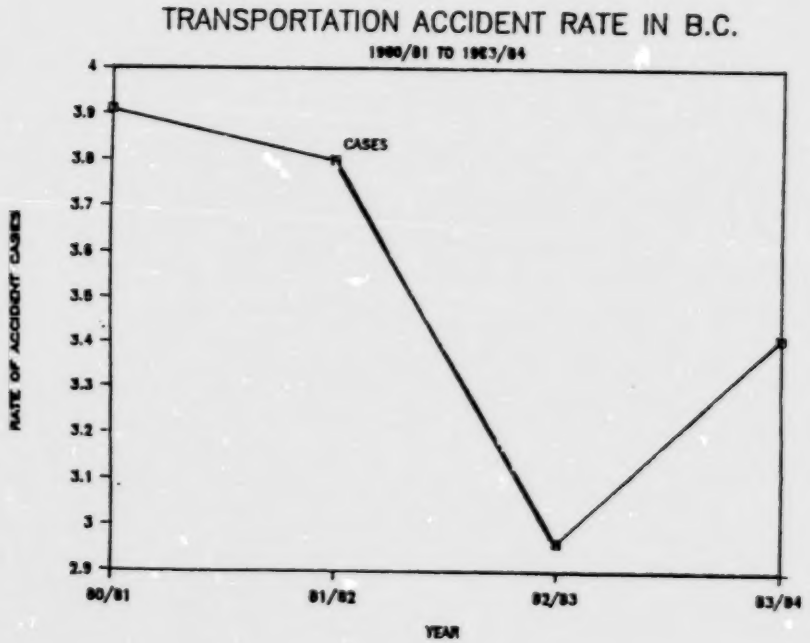


Figure 9

TABLE 3A

HOSPITALIZED TRANSPORTATION ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

CASES

TYPE OF TRANSPORTATION

INJURY AND POISONING	RAILWAY	MOTOR VEHICLE TRAFFIC	MOTOR VEHICLE NON-TRAFFIC	OTHER ROAD VEHICLE	WATER TRANSPORT.	AIR AND SPACE	NON-CLASS. VEHICLE	ROW TOTALS
1 FRACTURE OF SKULL	1	600	36	112	10	5	1	765
2 FRACTURE OF SPINE AND TRUNK	4	987	59	76	21	13	7	1167
3 FRACTURE OF UPPER LIMB	3	574	102	299	20	6	9	1013
4 FRACTURE OF LOWER LIMB	7	1103	198	177	32	30	13	1560
5 DISLOCATION	2	182	26	61	8	2	0	281
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	4	338	40	42	19	3	0	446
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	3	1202	91	411	11	8	4	1730
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	3	379	33	48	4	2	0	469
9 OPEN WOUND OF HEAD, NECK, TRUNK	2	383	25	42	11	3	0	466
10 OPEN WOUND OF UPPER LIMB	2	67	10	9	9	0	0	97
11 OPEN WOUND OF LOWER LIMB	4	73	21	11	3	1	0	113
12 INJURY OF BLOOD VESSELS	0	35	2	0	0	0	0	37
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	2	72	12	5	1	2	0	94
14 SUPERFICIAL INJURY	1	111	10	17	2	0	1	142
15 CONTUSION WITH INTACT SKIN SURFACE	3	496	59	88	15	3	0	664
16 CRUSHING INJURY	3	27	10	1	4	0	4	49
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	3	0	0	0	0	0	3
18 BURNS	0	19	5	1	10	2	0	37
19 INJURY TO NERVES & SPINAL CORD	0	43	6	4	1	0	0	54
20 CERTAIN TRAUMATIC COMPLICATIONS	1	148	12	19	2	1	2	185
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	1	0	0	1
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	1	0	1	4	0	0	6
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	0	10	1	0	4	3	0	18
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	0	6	1	1	0	0	0	8
25 UNSPECIFIED	2	175	14	27	7	3	1	229
TOTAL INJURIES AND POISONINGS	47	7034	773	1452	199	87	42	9634
PERCENT TOTAL:	0.5%	73.0%	8.0%	15.1%	2.1%	0.9%	0.4%	100.0%

TABLE 38

HOSPITALIZED TRANSPORTATION ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

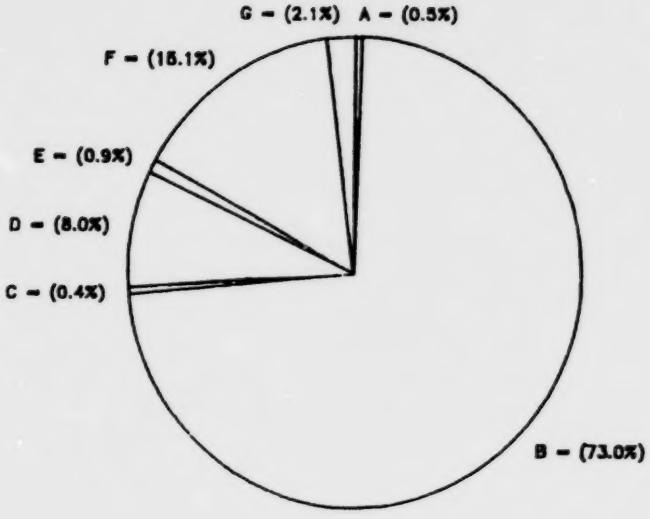
DAYS

TYPE OF TRANSPORTATION

INJURY AND POISONING	RAILWAY	MOTOR VEHICLE TRAFFIC	MOTOR VEHICLE NON-TRAFFIC	OTHER ROAD VEHICLE	WATER TRANSPORT.	AIR AND SPACE	NON-CLASS. VEHICLE	ROW TOTALS
1 FRACTURE OF SKULL	4	6028	150	448	43	37	1	6711
2 FRACTURE OF SPINE AND TRUNK	47	17873	978	635	388	104	112	20137
3 FRACTURE OF UPPER LIMB	8	4030	469	684	104	22	32	5349
4 FRACTURE OF LOWER LIMB	25	17767	2095	1296	237	257	125	21802
5 DISLOCATION	2	1011	78	190	18	4	0	1303
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	15	1539	191	177	79	25	0	2026
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	5	12225	390	1040	46	60	7	13773
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	9	3809	212	354	25	35	0	4444
9 OPEN WOUND OF HEAD, NECK, TRUNK	11	1251	62	94	30	3	0	1451
10 OPEN WOUND OF UPPER LIMB	22	229	29	13	23	0	0	316
11 OPEN WOUND OF LOWER LIMB	58	813	153	70	10	5	0	1109
12 INJURY OF BLOOD VESSELS	0	200	2	0	0	0	0	202
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	75	1392	81	18	5	104	0	1675
14 SUPERFICIAL INJURY	1	448	55	27	7	0	2	540
15 CONTUSION WITH INTACT SKIN SURFACE	8	1487	207	194	29	8	0	1933
16 CRUSHING INJURY	54	388	48	2	85	0	16	593
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	5	0	0	0	0	0	5
18 BURNS	0	369	26	18	62	2	0	477
19 INJURY TO NERVES & SPINAL CORD	0	707	34	55	7	0	0	803
20 CERTAIN TRAUMATIC COMPLICATIONS	4	601	48	64	3	1	9	730
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	0	0	0	6	0	0	6
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	6	0	1	5	0	0	12
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	0	24	8	0	5	3	0	40
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	0	116	5	20	0	0	0	141
25 UNSPECIFIED	6	1849	90	153	26	13	1	2138
TOTAL INJURIES AND POISONINGS	354	74167	5411	5553	1243	683	305	87716
PERCENT OF TOTAL:	0.4%	84.6%	6.2%	6.3%	1.4%	0.8%	0.3%	100.0%

TYPES OF TRANSPORTATION ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL CASES)

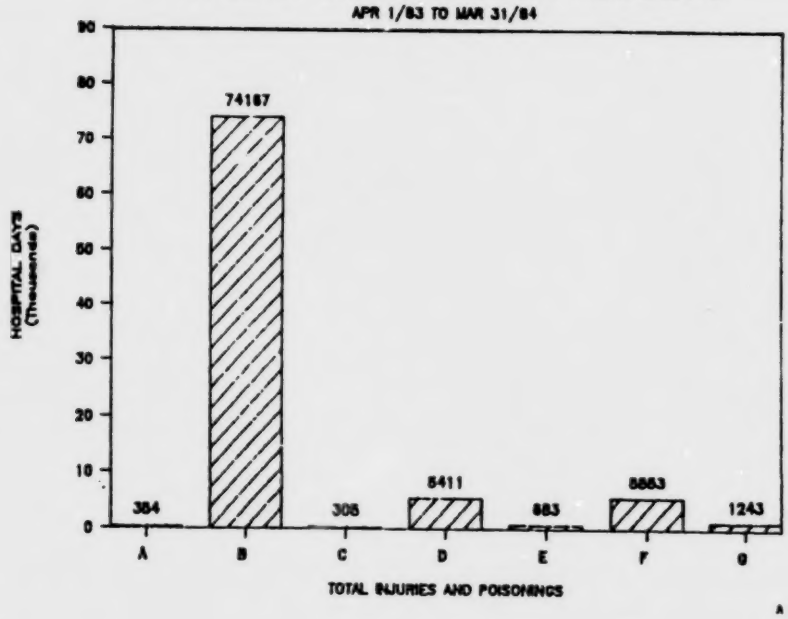


Graph 3A

A - Railway	-	47
B - Motor Vehicle Traffic	-	7,034
C - Non-Class Vehicle	-	42
D - Motor Veh. Non-Traffic	-	773
E - Air and Space	-	87
F - Other Road Vehicle	-	1,452
G - Water Transport	-	199
TOTAL	-	9,634

TYPES OF TRANSPORTATION ACCIDENTS

APR 1/83 TO MAR 31/84



Graph 3B

A - Railway	-	354
B - Motor Vehicle Traffic	-	74,187
C - Non-Class Vehicle	-	305
D - Motor Veh. Non-Traffic	-	5,411
E - Air and Space	-	683
F - Other Road Vehicle	-	5,553
G - Water Transport	-	1,243
TOTAL	-	87,716

TABLE 3C

HOSPITALIZED TRANSPORTATION ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

AVERAGE LENGTH OF STAY

TYPE OF TRANSPORTATION

INJURY AND POISONING	RAILWAY	MOTOR VEHICLE TRAFFIC	MOTOR VEHICLE NON-TRAFFIC	OTHER ROAD VEHICLE	WATER TRANSPORT.	AIR AND SPACE	NON-CLASS. VEHICLE	ROW TOTALS
1 FRACTURE OF SKULL	4.00	10.05	4.17	4.00	4.30	7.40	1.00	8.77
2 FRACTURE OF SPINE AND TRUNK	11.75	18.11	16.58	8.36	18.48	8.00	16.00	17.26
3 FRACTURE OF UPPER LIMB	2.67	7.02	4.60	2.29	5.20	3.67	3.56	5.28
4 FRACTURE OF LOWER LIMB	3.57	16.11	10.58	7.32	7.41	8.67	9.62	13.98
5 DISLOCATION	1.00	5.55	3.00	3.11	2.25	2.00	0.00	4.64
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	3.75	4.55	4.77	4.21	4.16	8.33	0.00	4.54
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	1.67	10.17	4.29	2.53	4.18	7.50	1.75	7.96
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	3.00	10.05	6.42	7.38	6.25	17.50	0.00	9.48
9 OPEN WOUND OF HEAD, NECK, TRUNK	5.50	3.27	2.48	2.24	2.73	1.00	0.00	3.11
10 OPEN WOUND OF UPPER LIMB	11.00	3.42	2.90	1.44	2.56	0.00	0.00	3.26
11 OPEN WOUND OF LOWER LIMB	14.50	11.14	7.29	6.36	3.33	5.00	0.00	9.81
12 INJURY OF BLOOD VESSELS	0.00	5.71	1.00	0.00	0.00	0.00	0.00	5.46
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	37.50	19.33	6.75	3.60	5.00	52.00	0.00	17.82
14 SUPERFICIAL INJURY	1.00	4.04	5.50	1.59	3.50	0.00	2.00	3.80
15 CONTUSION WITH INTACT SKIN SURFACE	2.67	3.00	3.51	2.20	1.93	2.67	0.00	2.91
16 CRUSHING INJURY	18.00	14.37	4.80	2.00	21.25	0.00	4.00	12.10
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0.00	1.67	0.00	0.00	0.00	0.00	0.00	1.67
18 BURNS	0.00	19.42	5.20	18.00	6.20	1.00	0.00	12.89
19 INJURY TO NERVES & SPINAL CORD	0.00	16.44	5.67	13.75	7.00	0.00	0.00	14.87
20 CERTAIN TRAUMATIC COMPLICATIONS	4.00	4.06	4.00	3.37	1.50	1.00	4.50	3.95
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0.00	0.00	0.00	0.00	6.00	0.00	0.00	6.00
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0.00	6.00	0.00	1.00	1.25	0.00	0.00	2.00
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	0.00	2.40	8.00	0.00	1.25	1.00	0.00	2.22
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	0.00	19.33	5.00	20.00	0.00	0.00	0.00	17.63
25 UNSPECIFIED	3.00	10.57	6.43	5.67	3.71	4.33	1.00	9.34
TOTAL INJURIES AND POISONINGS	7.53	10.54	7.00	3.82	6.25	7.85	7.26	9.10

TABLE 30

CASES

HOSPITALIZED TRANSPORTATION ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF TRANSPORTATION

AGE GROUP	RAILWAY		MOTOR VEHICLE TRAFFIC		MOTOR VEHICLE NON-TRAFFIC		OTHER ROAD VEHICLES		WATER TRANSPORT.		AIR & SPACE		NON-CLASSIFIED VEHICLES		ROW TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UNDER 1 YEAR	0	0	12	9	2	0	2	4	0	0	1	0	0	0	17	13
1 - 4 YEARS	0	0	77	44	17	7	45	26	2	0	1	0	0	0	142	77
5 - 9 YEARS	0	0	156	81	18	9	179	113	0	1	2	0	5	0	360	204
10 - 14 YEARS	3	0	211	112	89	21	243	147	3	2	0	2	3	2	552	286
15 - 19 YEARS	3	2	860	431	109	24	107	72	10	5	3	2	6	2	1,098	538
20 - 24 YEARS	5	0	1,027	328	124	20	63	43	24	4	13	3	6	1	1,262	399
25 - 29 YEARS	14	0	597	244	66	13	56	38	26	4	12	3	5	1	776	303
30 - 34 YEARS	5	0	414	174	45	13	49	40	21	3	8	1	0	0	542	231
35 - 39 YEARS	2	0	276	126	26	3	29	26	12	3	9	1	0	0	354	159
40 - 44 YEARS	3	0	191	118	45	6	29	23	13	2	7	1	1	1	289	151
45 - 49 YEARS	3	0	168	110	16	5	20	9	12	2	6	1	2	0	227	127
50 - 54 YEARS	1	0	136	87	9	6	11	15	7	2	5	2	2	0	171	112
55 - 59 YEARS	4	0	134	103	16	3	6	6	13	5	0	0	1	0	174	117
60 - 64 YEARS	1	0	106	95	8	3	10	3	7	3	1	0	0	0	133	104
65 - 69 YEARS	0	0	100	86	12	3	13	8	4	1	0	1	2	1	131	100
70 - 74 YEARS	0	0	83	104	7	9	4	4	2	0	0	0	0	1	96	118
75 - 79 YEARS	0	0	50	66	4	4	2	1	3	1	0	1	0	0	59	73
80 + YEARS	0	1	63	51	5	5	5	1	0	2	0	1	0	0	73	61
TOTAL	44	3	4,661	2,369	618	154	873	579	159	40	68	19	33	9	6,456	3,173

TABLE 3E

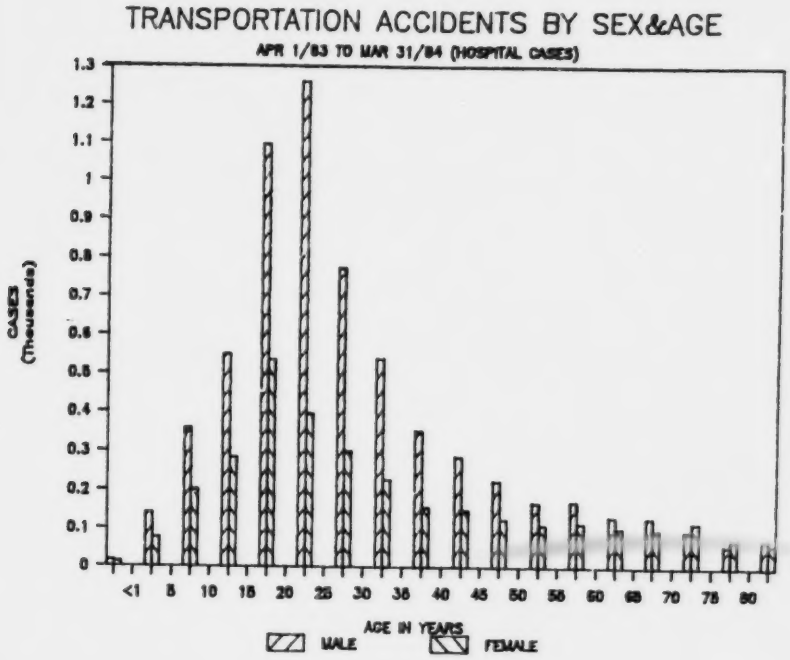
HOSPITALIZED TRANSPORTATION ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984

DAYS

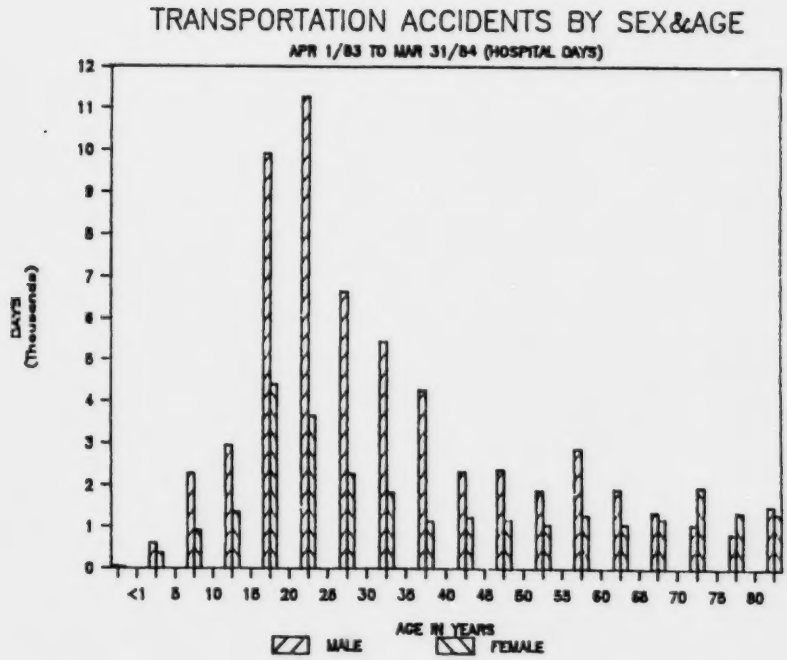
AGE GROUP

TYPE OF TRANSPORTATION

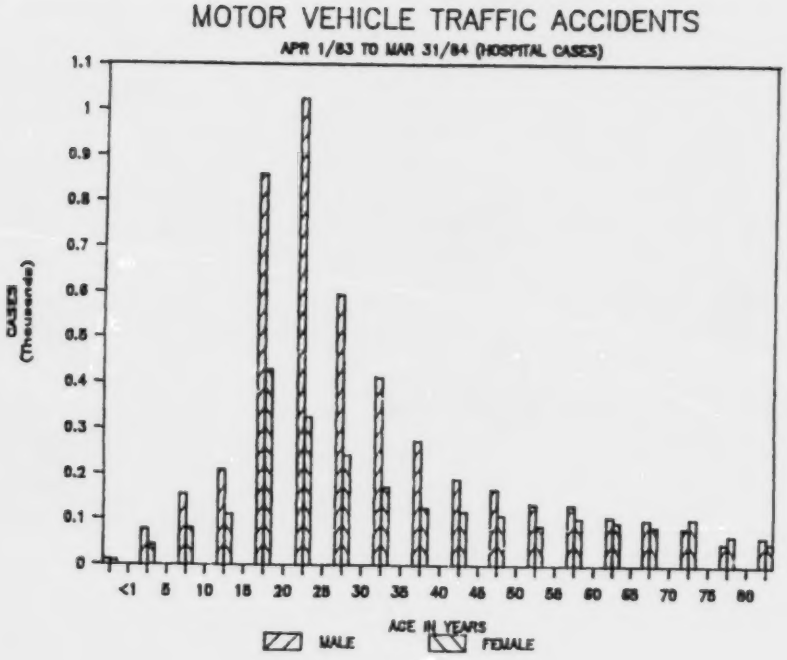
AGE GROUP	RAILWAY		MOTOR VEHICLE TRAFFIC		MOTOR VEHICLE NON-TRAFFIC		OTHER ROAD VEHICLES		WATER TRANSPORT.		AIR & SPACE		NON-CLASSIFIED VEHICLES		ROW TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UNDER 1 YEAR	0	0	55	24	5	0	3	7	0	0	1	0	0	0	64	31
1 - 4 YEARS	0	0	381	304	116	18	100	41	8	0	2	0	0	0	607	363
5 - 9 YEARS	0	0	1,649	552	95	10	521	361	0	1	12	0	13	0	2,290	924
10 - 14 YEARS	33	0	1,898	856	453	57	559	390	17	51	0	17	3	2	2,963	1,373
15 - 19 YEARS	10	11	8,711	3,754	606	57	501	527	50	16	13	3	43	41	9,934	4,409
20 - 24 YEARS	23	0	9,840	3,350	929	133	201	159	235	10	43	12	23	1	11,294	3,665
25 - 29 YEARS	109	0	5,399	1,962	533	108	303	200	183	12	67	7	79	2	6,673	2,291
30 - 34 YEARS	21	0	4,865	1,671	274	43	190	124	94	6	24	8	0	0	5,468	1,852
35 - 39 YEARS	13	0	3,850	972	181	3	165	144	25	4	44	28	0	0	4,278	1,151
40 - 44 YEARS	8	0	1,703	1,006	343	54	176	147	56	31	47	1	6	6	2,339	1,245
45 - 49 YEARS	11	0	2,070	1,117	64	22	126	37	66	4	49	8	4	0	2,390	1,188
50 - 54 YEARS	9	0	1,585	923	62	48	46	58	16	20	164	21	13	0	1,895	1,070
55 - 59 YEARS	104	0	2,405	1,216	233	23	33	25	119	37	0	0	2	0	2,896	1,301
60 - 64 YEARS	1	0	1,749	1,027	75	30	72	16	37	15	4	0	0	0	1,938	1,088
65 - 69 YEARS	0	0	1,099	1,040	148	58	83	61	25	1	0	43	11	10	1,366	1,213
70 - 74 YEARS	0	0	914	1,739	79	156	52	41	29	0	0	0	0	46	1,074	1,982
75 - 79 YEARS	0	0	695	1,259	104	110	37	1	8	5	0	3	0	0	844	1,378
80 + YEARS	0	1	1,428	1,082	54	126	43	3	0	62	0	62	0	0	1,525	1,336
TOTAL	342	12	50,296	23,854	4,354	1,056	3,211	2,342	968	275	470	213	197	108	59,838	27,860
PERCENT OF TOTAL	0.57%	0.04%	84.05%	85.62%	7.28%	3.79%	5.37%	8.41%	1.62%	0.99%	0.79%	0.76%	0.33%	0.39%	100.00%	100.00%



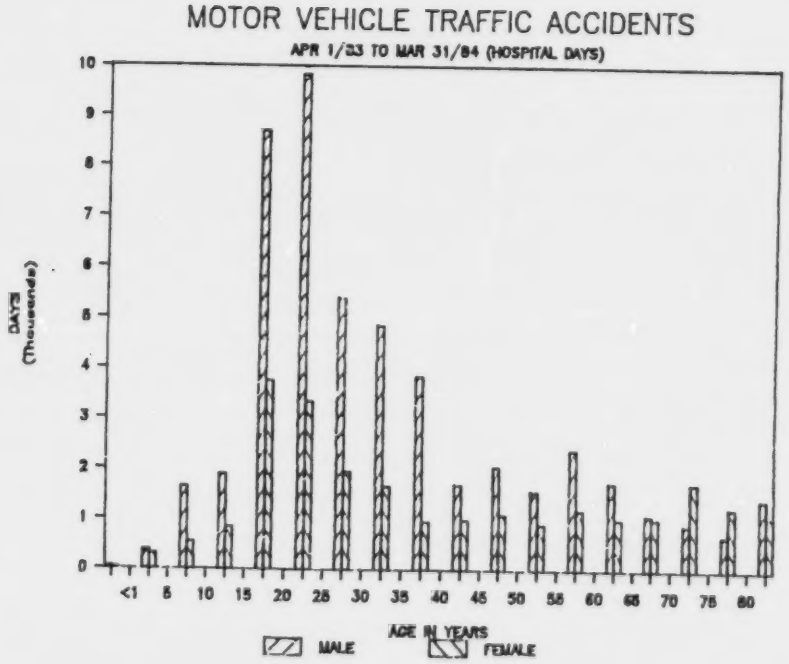
Graph 3D



Graph 3E



Graph 3F



Graph 3G

SECTION IV

POISONING

POISONING (E850 - E869)

* Accidental poisoning by drugs, medicaments and biologicals. It includes the accidental overdose of a drug, the wrong drug given or taken in error, drugs taken inadvertently and accidents in the use of drugs and biologicals in medical and surgical procedures. It excludes a correct drug properly administered in therapeutic or prophylactic dosage as the cause of any adverse effect.

Accidental poisoning by other solid and liquid substances, gases and vapors.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

POISONING

Poisoning is the smallest accident category accounting for only 1,179 of all hospital accident cases (or 1.8%) and 5,284 hospital days and an average length of stay of 4.48 days (Tables and Graphs 4A to 4C).

It is of note that of these 1,179 poisoning cases approximately 459 or 39% of those cases involved children under ten years of age (Table 4C), yet according to Vital Statistics only one death out of 126 recorded poisonings in 1984 results in the death of a less than ten year old child. This means that while 39% of all accident cases affect children under ten years of age, children rarely die as a result of accidental poisoning. Only 1% of reported deaths in 1984 involved a child under ten, a dramatic decrease since the 1950's[1]. In contrast, is the fact that the remaining 65% of all poisoning accidents fall in the age group over ten years, yet this group accounts for 99% of poisoning deaths.

The majority (61.7%) of hospitalized poisoning accidents are attributed to "drugs" (E850 - 858). The next highest category involves alcohol (E860) and accounts for 8.2% of hospitalized poisoning accidents. The remaining seven categories together account for less than 30% of poisoning accidents admitted to British Columbia hospitals. Therefore, drugs are by far the predominant cause of poisoning hospitalization and death (Tables and Graphs 4A to 4C).

(1) Health Field Indicators for Policy Planning, December, 1974

TABLE 4A

HOSPITALIZED POISONING ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

CASES

TYPE OF POISONING

INJURY AND POISONING	DRUGS ETC.	ALCOHOL	CLEANING PROD.	PETROL. PROD.	AGRIC. PROD.	CORROSIVE	FOOD&PLANTS	OTHER	GAS	TOTAL
1 FRACTURE OF SKULL	0	0	0	0	0	0	0	0	0	0
2 FRACTURE OF SPINE AND TRUNK	0	0	0	0	0	0	0	1	0	1
3 FRACTURE OF UPPER LIMB	0	0	0	0	0	0	0	1	0	1
4 FRACTURE OF LOWER LIMB	1	0	0	0	0	0	0	0	0	1
5 DISLOCATION	0	0	0	0	0	0	0	1	0	1
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	0	0	0	0	0	0	0	1	0	1
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	2	2	0	0	0	0	0	0	1	6
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	0	0	0	1	0	0	0	0	0	1
9 OPEN WOUND OF HEAD, NECK, TRUNK	1	0	0	0	0	0	1	0	0	2
10 OPEN WOUND OF UPPER LIMB	1	0	0	0	0	0	0	0	0	0
11 OPEN WOUND OF LOWER LIMB	0	0	0	0	0	0	0	0	0	0
12 INJURY OF BLOOD VESSELS	0	0	0	0	0	0	0	0	0	0
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	0	0	0	0	0	0	1	2	3
14 SUPERFICIAL INJURY	0	0	0	0	0	0	0	0	0	0
15 CONTUSION WITH INTACT SKIN SURFACE	1	0	0	0	0	0	0	0	0	1
16 CRUSHING INJURY	0	0	0	0	0	0	0	0	0	0
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	0	0	0	0	1	0	1
18 BURNS	0	0	2	2	0	9	0	0	0	13
19 INJURY TO NERVES & SPINAL CORD	0	0	0	0	0	0	0	0	0	0
20 CERTAIN TRAUMATIC COMPLICATIONS	1	0	0	0	0	0	0	0	0	1
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	640	1	0	0	0	0	1	1	2	645
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	3	87	19	57	22	19	43	21	71	342
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	6	1	1	0	0	0	33	4	1	46
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	2	0	0	0	0	0	5	1	0	8
25 UNSPECIFIED	69	6	3	3	5	2	8	5	4	105
TOTAL INJURIES AND POISONINGS	727	97	25	63	27	30	91	38	81	1179
PERCENT TOTAL:	61.7%	8.2%	2.1%	5.3%	2.3%	2.5%	7.7%	3.2%	6.9%	100.0%

TABLE 48

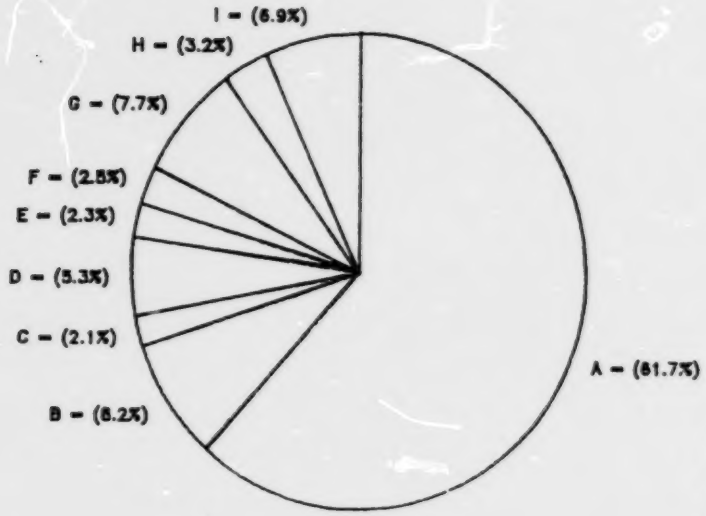
HOSPITALIZED POISONING ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF POISONING

DAYS

INJURY AND POISONING	DRUGS ETC.	ALCOHOL	CLEANING PROD.	PETROL. PROD.	AGRIC. PROD.	CORROSIVE	FOOD&PLANTS	OTHER	GAS	TOTAL
1 FRACTURE OF SKULL	0	0	0	0	0	0	0	0	0	0
2 FRACTURE OF SPINE AND TRUNK	0	0	0	0	0	0	0	1	0	1
3 FRACTURE OF UPPER LIMB	0	0	0	0	0	0	0	5	0	5
4 FRACTURE OF LOWER LIMB	8	0	0	0	0	0	0	0	0	8
5 DISLOCATION	0	0	0	0	0	0	0	1	0	1
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	0	0	0	0	0	0	0	0	0	0
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	2	3	0	0	0	0	0	2	1	8
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	0	0	0	1	0	0	0	0	0	1
9 OPEN WOUND OF HEAD, NECK, TRUNK	1	0	0	0	0	0	2	0	0	3
10 OPEN WOUND OF UPPER LIMB	1	0	0	0	0	0	0	0	0	1
11 OPEN WOUND OF LOWER LIMB	0	0	0	0	0	0	0	0	0	0
12 INJURY OF BLOOD VESSELS	0	0	0	0	0	0	0	0	0	0
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	0	0	0	0	0	0	34	12	46
14 SUPERFICIAL INJURY	0	0	0	0	0	0	0	0	0	0
15 CONTUSION WITH INTACT SKIN SURFACE	6	0	0	0	0	0	0	0	0	6
16 CRUSHING INJURY	0	0	0	0	0	0	0	0	0	0
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	0	0	0	0	2	0	2
18 BURNS	0	0	5	2	0	50	0	0	0	57
19 INJURY TO NERVES & SPINAL CORD	0	0	0	0	0	0	0	0	0	0
20 CERTAIN TRAUMATIC COMPLICATIONS	3	0	0	0	0	0	0	0	0	3
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	2687	2	0	0	0	0	1	2	8	2700
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	6	333	35	84	93	90	65	146	396	1248
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	83	2	10	0	0	0	103	6	3	207
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	5	0	0	0	0	0	7	8	0	20
25 UNSPECIFIED	638	36	5	8	67	2	19	25	167	967
TOTAL INJURIES AND POISONINGS	3440	376	55	95	160	142	197	232	587	5284
PERCENT TOTAL:	65.1%	7.1%	1.0%	1.8%	3.0%	2.7%	3.7%	4.4%	11.1%	100.0%

TYPES OF POISONING ACCIDENTS

APR 1/83 TO MAR 31/84 (CASES)

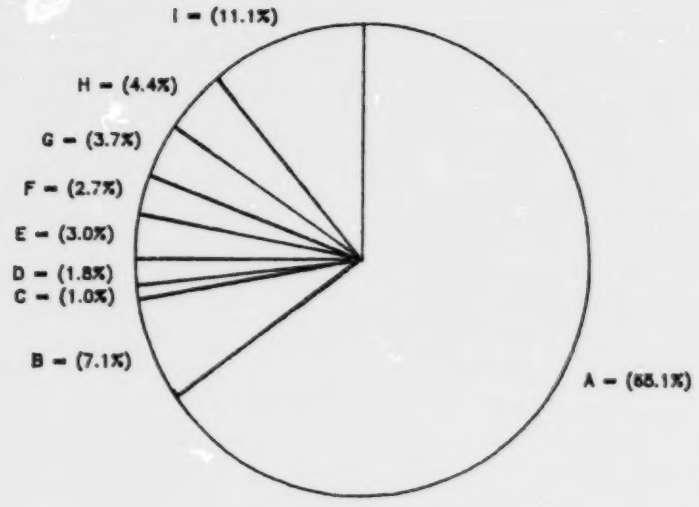


Graph 4A

A - Drugs Etc.	-	727
B - Alcohol	-	97
C - Cleaning Prod.	-	25
D - Petrol. Prod.	-	63
E - Agric. Prod.	-	27
F - Corrosive	-	30
G - Food & Plants	-	91
H - Other	-	38
I - Gas	-	81
TOTAL	-	1,179

TYPES OF POISONING ACCIDENTS

APR 1/83 TO MAR 31/84 (DAYS)



Graph 4B

A - Drugs Etc.	-	3,440
B - Alcohol	-	376
C - Cleaning Prod.	-	55
D - Petrol. Prod.	-	95
E - Agric. Prod.	-	160
F - Corrosive	-	142
G - Food & Plants	-	197
H - Other	-	232
I - Gas	-	587
TOTAL	-	5,284

TABLE 4C

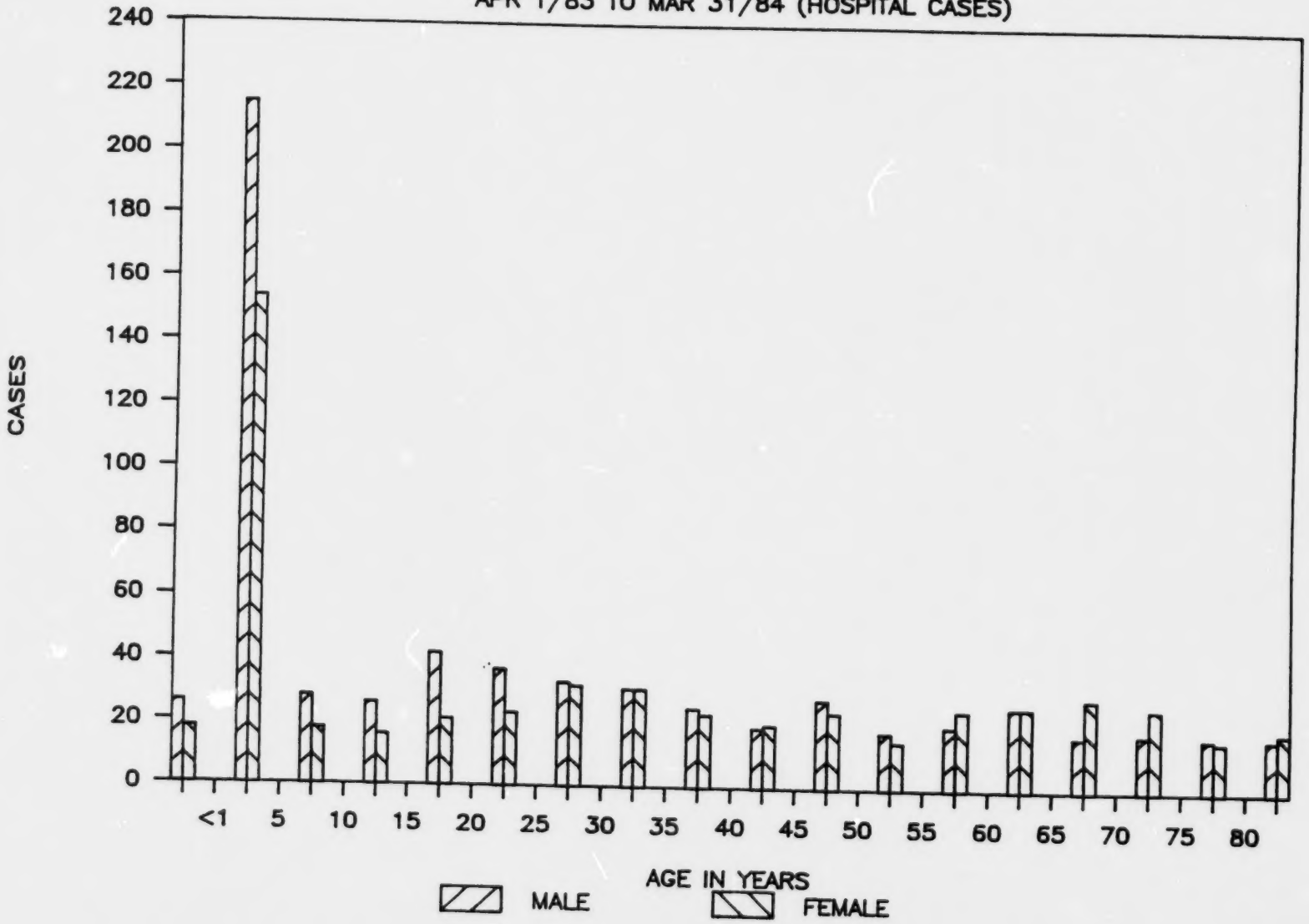
HOSPITALIZED POISONING ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984

CASES — TYPE OF POISONING

AGE GROUP	DRUGS ETC.		ALCOHOL		CLEANING PROD.		PETROL. PROD.		AGRIC. PROD		CORROSIVE		FOOD&PLANTS		OTHER		GAS		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UNDER 1 YEAR	15	15	2	1	2	0	2	0	0	1	0	0	4	1	0	0	1	0	26	18
1-4 YEARS	137	89	11	8	7	7	33	18	8	4	4	7	10	10	2	4	3	7	215	154
5-9 YEARS	14	11	1	0	0	0	2	0	2	0	0	2	5	2	1	0	3	3	28	18
10-14 YEARS	10	9	5	6	0	0	3	0	0	1	3	0	3	0	0	0	2	0	26	16
15-19 YEARS	21	16	9	1	1	0	2	0	1	0	1	1	4	3	2	0	1	0	42	21
20-24 YEARS	18	12	3	3	0	0	0	0	0	0	1	0	6	3	2	1	7	4	37	23
25-29 YEARS	10	25	3	2	0	0	1	0	2	0	2	0	6	4	2	0	7	1	33	32
30-34 YEARS	13	23	8	2	0	0	0	0	1	0	2	0	0	4	2	0	5	2	31	31
35-39 YEARS	11	18	2	2	2	0	1	0	0	1	0	0	1	2	5	0	3	0	25	23
40-44 YEARS	10	12	1	5	0	1	0	0	1	0	0	0	0	1	2	0	5	1	19	20
45-49 YEARS	16	15	0	2	0	1	1	0	0	0	1	2	1	3	3	0	6	1	28	24
50-54 YEARS	12	10	0	2	0	0	0	0	0	1	0	1	2	1	1	0	3	0	18	15
55-59 YEARS	13	19	3	3	0	1	0	0	1	0	0	0	3	1	0	0	0	1	20	25
60-64 YEARS	18	17	3	1	0	0	0	0	0	1	0	0	1	3	0	2	4	2	26	26
65-69 YEARS	12	21	2	1	0	2	0	0	1	0	0	1	0	1	1	2	1	1	17	29
70-74 YEARS	14	19	2	0	0	0	0	0	0	0	0	0	0	4	0	2	2	1	18	26
75-79 YEARS	10	13	1	1	1	0	0	0	0	0	0	0	1	0	1	2	3	0	17	16
80 + YEARS	12	17	0	1	0	0	0	0	1	0	1	1	1	0	1	0	1	0	17	19
TOTAL	366	361	56	41	13	12	45	18	18	9	15	15	48	43	25	13	57	24	643	536

POISONING ACCIDENTS BY AGE & SEX

APR 1/83 TO MAR 31/84 (HOSPITAL CASES)



Graph 4C

TABLE 4D

HOSPITALIZED POISONING ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984
DAYS
TYPE OF POISONING

AGE GROUP	DRUGS ETC.		ALCOHOL		CLEANING PROD.		PETROL. PROD.		AGRIC. PROD		CORROSIVE		FOOD&PLANTS		OTHER		GAS		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UNDER 1 YEAR	354	301	4	1	2	0	2	0	0	1	0	0	7	3	0	0	2	0	371	306
1-4 YEARS	175	118	13	10	7	13	53	25	9	4	6	41	11	11	2	4	3	8	279	234
5-9 YEARS	31	17	2	0	0	0	2	0	2	0	0	4	18	3	2	0	3	3	60	27
10-14 YEARS	18	18	6	6	0	0	4	0	0	10	11	0	6	0	0	0	2	0	47	34
15-19 YEARS	68	24	11	1	1	0	2	0	1	0	1	1	4	6	3	0	1	0	92	32
20-24 YEARS	39	35	3	3	0	0	0	0	0	0	1	0	8	6	4	1	23	172	78	217
25-29 YEARS	36	74	4	4	0	0	4	0	3	0	9	0	6	6	6	0	9	1	77	85
30-34 YEARS	25	72	32	4	0	0	0	0	1	0	2	0	0	42	4	0	9	2	73	120
35-39 YEARS	41	77	13	2	9	0	2	0	0	5	0	0	1	2	29	0	3	0	98	86
40-44 YEARS	45	54	2	18	0	3	0	0	36	0	0	0	0	3	8	0	19	1	110	79
45-49 YEARS	182	191	0	3	0	1	1	0	0	0	1	58	4	3	6	0	17	7	211	263
50-54 YEARS	52	36	0	121	0	0	0	0	0	1	0	2	2	1	12	0	14	0	80	161
55-59 YEARS	96	58	14	14	0	1	0	0	50	0	0	0	8	1	0	0	0	1	168	75
60-64 YEARS	120	119	19	2	0	0	0	0	0	24	0	0	3	18	0	3	149	10	291	176
65-69 YEARS	85	162	26	1	0	17	0	0	8	0	0	2	0	2	34	80	11	1	164	265
70-74 YEARS	163	102	29	0	0	0	0	0	0	0	0	0	0	8	0	10	17	20	209	140
75-79 YEARS	64	132	2	5	1	0	0	0	0	0	0	0	2	0	2	16	74	0	145	153
80 + YEARS	80	176	0	1	0	0	0	0	5	0	2	1	2	0	6	0	5	0	100	178
TOTAL	1,674	1,766	180	196	20	35	70	25	115	45	33	109	82	115	118	114	361	226	2,653	2,631

SECTION V

ACCIDENTS INVOLVING ABNORMAL REACTION DURING SURGICAL AND OTHER PROCEDURES

ABNORMAL REACTION (E870 - E879)

* Misadventure to patients during surgical and medical care.

Surgical and medical procedures as the cause of abnormal reaction to patient or later complication without mention of misadventure at the time of the procedure.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

ABNORMAL REACTION

The second largest accident category called "abnormal reaction and misadventure" is comprised of accident cases which have occurred during surgical and other procedures. It accounts for 24% of all accidents admitted to hospitals and more importantly, "abnormal reaction and misadventure" account for 240,000 hospital days or 34% of all hospital days. The bulk of those accidents (96%) fall into the area of abnormal reaction where no "misadventure" has been cited. There were ten reported deaths in 1984 as a result of abnormal reaction where no "misadventure" has been cited. A very small percentage (4% of abnormal reactions) or less than 1% of all accident cases cite "misadventure" as the cause of abnormal reaction (Tables and Graphs 5A, 5B). B.C. Vital Statistics reported three deaths in 1984 as a result of "misadventure" which amounts to about one out of every 22,000 accidents in British Columbia.

Due to three changes in the classification over the last four years, no comparative time trend data is available is this category due to these changes in the classification over the last four years.

TABLE 5A

HOSPITALIZED ACCIDENTS INVOLVING ABNORMAL REACTION BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

CASES

INJURY AND POISONING	ACCIDENTAL CUT	FOREIGN OBJECT	NON-STERILE	OVER-DOSAGE	MECHAN. FAIL.	OTHER	SG. ABNRX. NO MISADV.	OTH. PROC. NO MISADV.	ROW TOTALS
	TYPE OF ABNORMAL REACTION								
1 FRACTURE OF SKULL	1	0	0	0	0	1	4	1	7
2 FRACTURE OF SPINE AND TRUNK	0	0	0	0	0	2	5	8	15
3 FRACTURE OF UPPER LIMB	0	0	0	0	0	0	3	1	4
4 FRACTURE OF LOWER LIMB	0	0	0	0	0	2	9	9	20
5 DISLOCATION	0	0	0	0	0	0	2	2	4
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	1	0	0	0	0	2	1	3	7
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	0	0	0	0	0	0	2	0	2
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	26	1	0	0	0	1	13	11	52
9 OPEN WOUND OF HEAD, NECK, TRUNK	5	0	0	0	2	1	11	1	20
10 OPEN WOUND OF UPPER LIMB	0	0	1	0	0	2	2	1	6
11 OPEN WOUND OF LOWER LIMB	0	1	0	0	0	0	10	4	15
12 INJURY OF BLOOD VESSELS	2	0	0	0	0	0	2	4	8
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	1	1	0	0	4	70	22	98
14 SUPERFICIAL INJURY	0	0	0	0	0	2	3	3	8
15 CONTUSION WITH INTACT SKIN SURFACE	2	0	0	0	0	1	13	5	21
16 CRUSHING INJURY	0	0	0	0	0	0	0	0	0
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	0	0	2	5	7	14
18 BURNS	0	0	0	5	1	8	0	3	17
19 INJURY TO NERVES & SPINAL CORD	3	0	0	0	0	0	11	0	14
20 CERTAIN TRAUMATIC COMPLICATIONS	0	0	1	1	0	2	18	4	26
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	1	0	1	0	0	7	4	13
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	0	0	0	0	0	3	1	4
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	1	1	0	0	2	4	23	133	164
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	270	25	41	6	16	113	10,309	2,068	12,848
25 UNSPECIFIED	6	2	7	4	2	23	823	1,025	1,892
TOTAL INJURIES AND POISONINGS	317	32	51	17	23	170	11,349	3,320	15,279
PERCENT OF TOTAL:	2.1%	0.2%	0.3%	0.1%	0.2%	1.1%	74.3%	21.7%	100.0%

TABLE 5B

HOSPITALIZED ACCIDENTS INVOLVING ABNORMAL REACTION BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31 1984

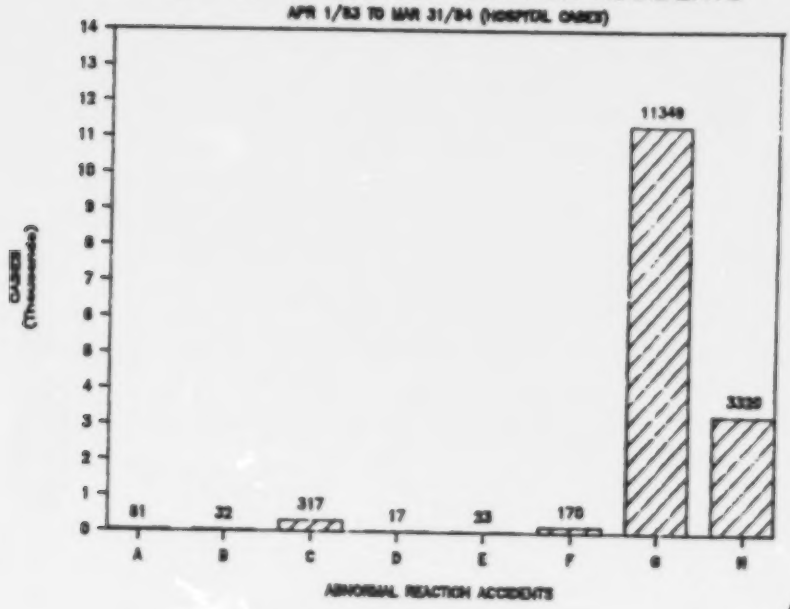
DAYS

INJURY AND POISONING	TYPE OF ABNORMAL REACTION								
	ACCIDENTAL CUT	FOREIGN OBJECT	NON-STERILE	OVER-DOSAGE	MECHAN. FAILURE	OTHER	SG. ABNRX. NO MISADV.	OTH. PROC. NO MISADV.	ROW TOTALS
1 FRACTURE OF SKULL	53	0	0	0	0	4	26	1	84
2 FRACTURE OF SPINE AND TRUNK	0	0	0	0	0	19	542	98	659
3 FRACTURE OF UPPER LIMB	0	0	0	0	0	0	6	2	8
4 FRACTURE OF LOWER LIMB	0	0	0	0	0	68	332	249	649
5 DISLOCATION	0	0	0	0	0	0	42	3	45
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	3	0	0	0	0	11	5	7	26
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	0	0	0	0	0	0	18	0	18
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	304	39	0	0	0	14	333	155	845
9 OPEN WOUND OF HEAD, NECK, TRUNK	20	0	0	0	5	4	63	4	96
10 OPEN WOUND OF UPPER LIMB	0	0	6	0	0	63	51	1	121
11 OPEN WOUND OF LOWER LIMB	0	2	0	0	0	0	157	162	321
12 INJURY OF BLOOD VESSELS	16	0	0	0	0	0	13	25	54
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	30	24	0	0	48	870	208	1,180
14 SUPERFICIAL INJURY	0	0	0	0	0	65	15	925	1,005
15 CONTUSION WITH INTACT SKIN SURFACE	14	0	0	0	0	3	84	34	135
16 CRUSHING INJURY	0	0	0	0	0	0	0	0	0
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	0	0	114	25	68	207
18 BURNS	0	0	0	45	1	82	0	60	188
19 INJURY TO NERVES & SPINAL CORD	43	0	0	0	0	0	67	0	110
20 CERTAIN TRAUMATIC COMPLICATIONS	0	0	3	59	0	5	185	28	280
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	0	2	0	8	0	0	138	49	197
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	0	0	0	0	0	71	7	78
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	1	1	0	0	7	22	122	1,431	1,584
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	3,361	283	1,020	72	119	1,447	156,185	38,814	201,301
25 UNSPECIFIED	62	15	71	28	9	183	12,979	16,065	29,412
TOTAL INJURIES AND POISONINGS	3,877	372	1,124	212	141	2,152	172,329	58,396	238,603
PERCENT OF TOTAL:	1.6%	0.2%	0.5%	0.1%	0.1%	0.9%	72.2%	24.5%	100.0%

TYPE OF ABNORMAL REACTION ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL CASES)

Graph 5A

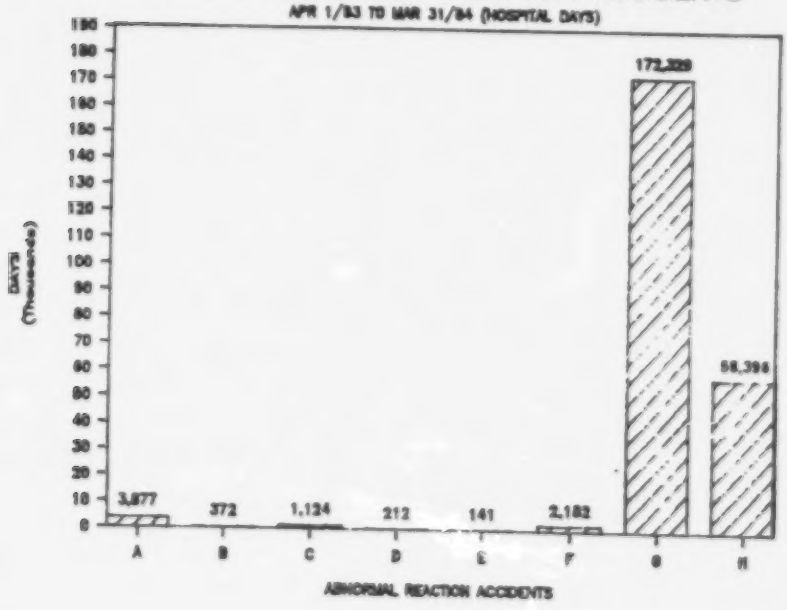


A = Non-Sterile	=	51
B = Foreign Objects	=	32
C = Accidental Cut	=	317
D = Overdosage	=	17
E = Mech. Fail.	=	23
F = Other	=	170
G = Sg. Aberr. No Misadv.	=	11,349
H = Oth. Proc. No Misadv.	=	3,320
TOTAL	=	15,279

TYPE OF ABNORMAL REACTION ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL DAYS)

Graph 5B



A = Non-Sterile	=	1,124
B = Foreign Object	=	372
C = Accidental Cut	=	3,877
D = Overdosage	=	212
E = Mechan.Failure	=	141
F = Other	=	2,152
G = Sg. Aberr. No Misadv.	=	172,329
H = Oth. Proc. No Misadv.	=	58,396
TOTAL	=	238,603

S E C T I O N VI

HOSPITALIZED ACCIDENTS IN BRITISH COLUMBIA

INVOLVING FIRE, ENVIRONMENT AND SUBMERSION, ETC.

FIRE, ENVIRONMENT AND SUBMERSION (E890 - E915)

* Accidents caused by fire and flames, including asphyxia or poisoning due to conflagrations or ignition burning by fire, and secondary fires resulting from explosion.

Accidents due to natural and environmental factors, such as excessive heat and cold, high and low pressure and changes in air pressure, travel and motion, hunger, thirst, venomous animals, other injury caused by animals, storms, floods, earth movements.

Accidental drowning and submersion.

Inhalation and ingestation of food or other object causing obstruction of respiratory tract or suffocation and mechanical suffocation.

Entrance of foreign body.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

FIRE, ENVIRONMENT AND SUBMERSION, ETC.

In the fire, environment and submersion category, there were 1,580 hospitalized cases, accounting for only 2.4% of all accident cases and 10,543 hospital days (Tables and Graphs 6A, 6B).

As a result of fire or flames, 353 accident cases (22.3%) were admitted to hospital in 1983/84 accounting for 4,264 hospital days (40.4%). Accident days attributed to fire, account for as low as .6% of all hospital accident days.

There were 512 hospitalized cases due to environmental factors, 389 hospitalized cases due to foreign body interference, 223 due to choking, 93 due to drowning and 10 due to suffocation.

TABLE 6A

HOSPITALIZED ACCIDENTS INVOLVING FIRE, ENVIRONMENT & SUBMERSION ETC. BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

CASES

TYPE OF ACCIDENT INVOLVING FIRE, ENVIRONMENT AND SUBMERSION ETC.

INJURY AND POISONING	FIRE	NATURAL & ENVIR.	DROWNING	CHOKING	SUFFO-CATION	FOREIGN BODY	ROW TOTALS
1 FRACTURE OF SKULL	0	20	1	0	0	1	22
2 FRACTURE OF SPINE AND TRUNK	0	9	3	0	0	0	12
3 FRACTURE OF UPPER LIMB	0	14	3	0	0	1	18
4 FRACTURE OF LOWER LIMB	3	29	1	0	0	0	33
5 DISLOCATION	0	3	4	0	0	0	7
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	0	9	3	0	0	0	12
7 INTRACRANIAL INJURY, EXCLUDING SKULL FRACTURE	2	13	2	0	1	0	18
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	0	16	0	0	0	6	22
9 OPEN WOUND OF HEAD, NECK, TRUNK	1	48	1	0	0	50	100
10 OPEN WOUND OF UPPER LIMB	0	34	0	0	0	0	34
11 OPEN WOUND OF LOWER LIMB	1	9	0	0	0	1	11
12 INJURY OF BLOOD VESSELS	0	0	0	0	0	0	0
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	11	2	0	0	0	1	14
14 SUPERFICIAL INJURY	1	21	0	1	0	6	29
15 CONTUSION WITH INTACT SKIN SURFACE	0	14	0	0	2	7	23
16 CRUSHING INJURY	0	1	0	0	0	0	1
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	204	0	298	502
18 BURNS	275	4	0	0	0	0	279
19 INJURY TO NERVES & SPINAL CORD	0	3	1	0	0	0	4
20 CERTAIN TRAUMATIC COMPLICATIONS	1	6	0	0	0	5	12
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	1	0	0	0	0	0	1
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	48	72	0	2	0	0	122
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	0	140	67	1	4	0	212
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	2	3	0	2	0	2	9
25 UNSPECIFIED	7	42	7	13	3	11	83
TOTAL INJURIES AND POISONINGS	353	512	93	225	10	389	1,580
PERCENT OF TOTAL:	22.3%	32.4%	5.9%	14.1%	0.6%	24.6%	100.0%

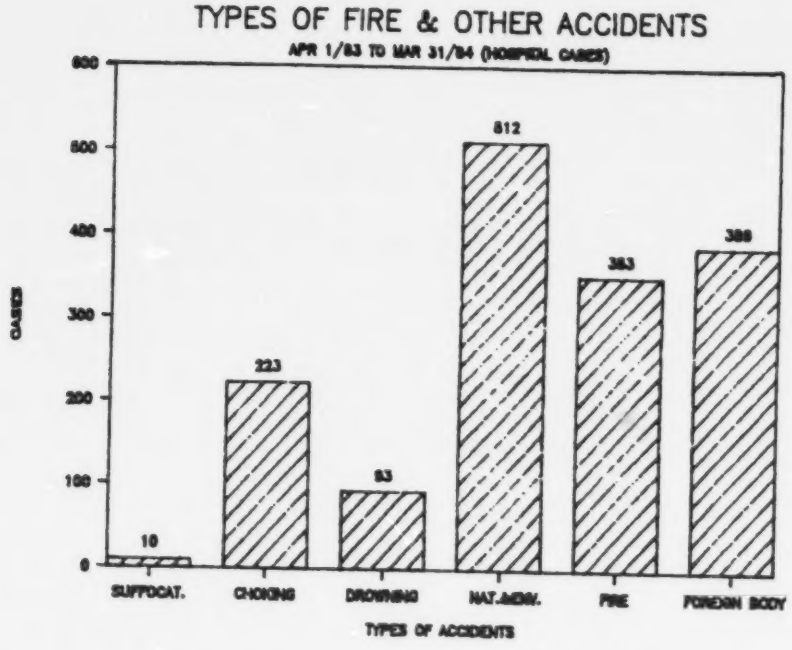
TABLE 68

HOSPITALIZED ACCIDENTS INVOLVING FIRE, ENVIRONMENT & SUBMERSION ETC. BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

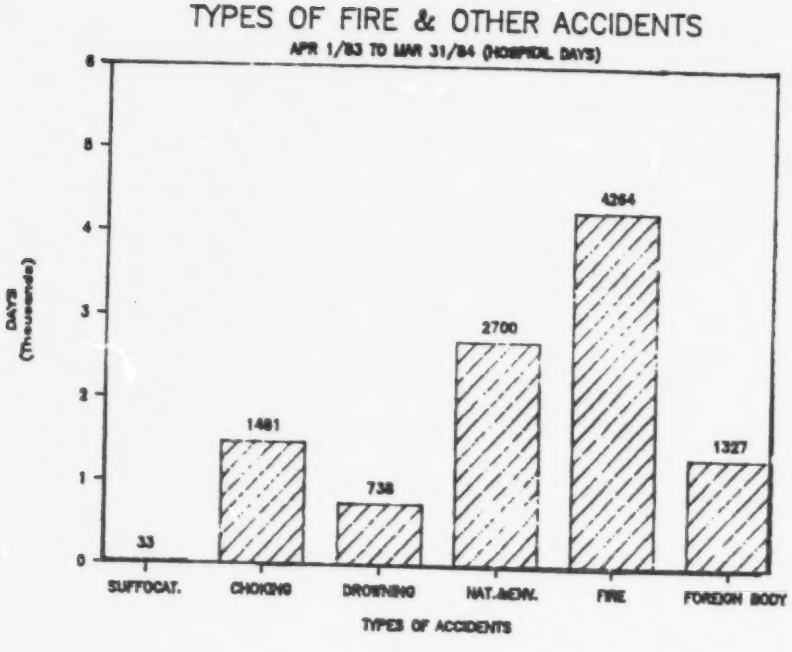
DAYS

TYPE OF ACCIDENT INVOLVING FIRE, ENVIRONMENT AND SUBMERSION ETC.

INJURY AND POISONING	FIRE	NATURAL & ENVIR.	DROWNING	CHOKING	SUFFO-CATION	FOREIGN BODY	ROW TOTALS
1 FRACTURE OF SKULL	0	103	1	0	0	12	116
2 FRACTURE OF SPINE AND TRUNK	0	54	18	0	0	0	72
3 FRACTURE OF UPPER LIMB	0	55	6	0	0	2	63
4 FRACTURE OF LOWER LIMB	21	232	2	0	0	0	255
5 DISLOCATION	0	11	25	0	0	0	36
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	0	31	8	0	0	0	39
7 INTRACRANIAL INJURY, EXCLUDING SKULL FRACTURE	2	25	2	0	1	0	30
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	0	100	0	0	0	45	145
9 OPEN WOUND OF HEAD, NECK, TRUNK	5	98	3	0	0	239	345
10 OPEN WOUND OF UPPER LIMB	0	143	0	0	0	0	143
11 OPEN WOUND OF LOWER LIMB	2	76	0	0	0	2	80
12 INJURY OF BLOOD VESSELS	0	0	0	0	0	0	0
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	215	5	0	0	0	1	221
14 SUPERFICIAL INJURY	5	185	0	1	0	9	200
15 CONTUSION WITH INTACT SKIN SURFACE	0	65	0	0	2	23	90
16 CRUSHING INJURY	0	3	0	0	0	0	3
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	0	1,239	0	917	2,156
18 BURNS	3,712	7	0	0	0	0	3,719
19 INJURY TO NERVES & SPINAL CORD	0	105	1	0	0	0	106
20 CERTAIN TRAUMATIC COMPLICATIONS	20	24	0	0	0	10	54
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	1	0	0	0	0	0	1
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	209	129	0	6	0	0	344
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	0	976	249	1	8	0	1,234
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	13	15	0	24	0	28	80
25 UNSPECIFIED	59	258	423	210	22	39	1,011
TOTAL INJURIES AND POISONINGS	4,264	2,700	738	1,481	33	1,327	10,543
PERCENT OF TOTAL:	40.4%	25.6%	7.0%	14.0%	0.3%	12.6%	100.0%



Graph 6A



Graph 6B

SECTION VII

SUICIDE HOMICIDE AND UNDETERMINED INJURY

SUICIDE, HOMICIDE, AND UNDETERMINED (E950 - E989)

* Injuries in suicide and attempted suicide and self-inflicted injuries specified as intentional.

Homicide and injury purposefully inflicted by other persons excluding injuries due to legal intervention and operations of war.

Injury undetermined whether accidentally or purposely inflicted for use when it is stated that an investigation by a medical or legal authority has not determined whether the injuries are accidental, suicidal, or homicidal.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

SUICIDE, HOMICIDE AND UNDETERMINED INJURY

Statistics reflected in the category "Suicide, Homicide and Injury Undetermined" include only those individuals admitted to a British Columbia hospital. Persons pronounced dead prior to hospital admission are not included in the figures. There are 5,993 cases in this accident category, accounting for 9.3% of all hospitalized accidents (Table and Graph 1A) and about 37,000 days Table and Graph 1B).

Suicides and attempted suicides account for 46.8% of this category or 4.56% of all accidents. In British Columbia hospitals, 560 males compared with 804 females were hospitalized as a result of an attempted suicide or self-inflicted injury. According to Vital Statistics, there were 399 recorded suicide deaths in 1984, 304 (or over 76%) of which involved males. The implication is, that although more females than males attempt suicide (1,673 females compared with 1,131 males), there are three times as many male deaths attributed to suicide, as female deaths.

Homicide and attempted homicide account for 3.7% of all hospitalized accidents. The bulk of suicides, homicides and undetermined accidents fall in the age group between fifteen and thirty-five years (60.1%). These attempted homicides and suicides seem to be highly age and sex related (Tables and Graphs 7C, 7D). Four times as many males as females between the ages of fifteen and thirty-five years are sent to hospital as a result of a homicide accident. Vital Statistics recorded 96 deaths attributed to homicides in 1984, 73 cases or 76% of which were male.

The rate of hospitalized "suicide, homicide, and undetermined" attempts has diminished from 2.42 cases per thousand population to 2.12 cases per thousand population in 1983/84 (Figure 10).

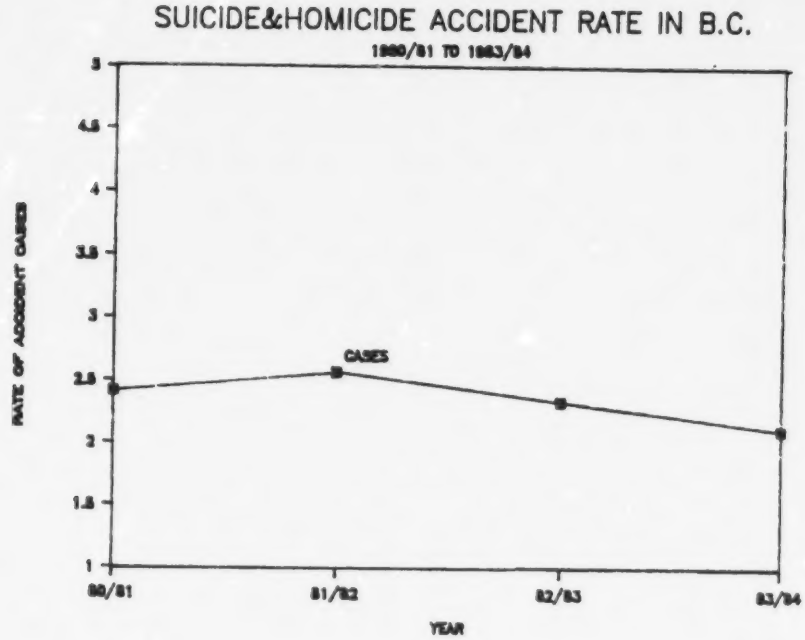


Figure 10

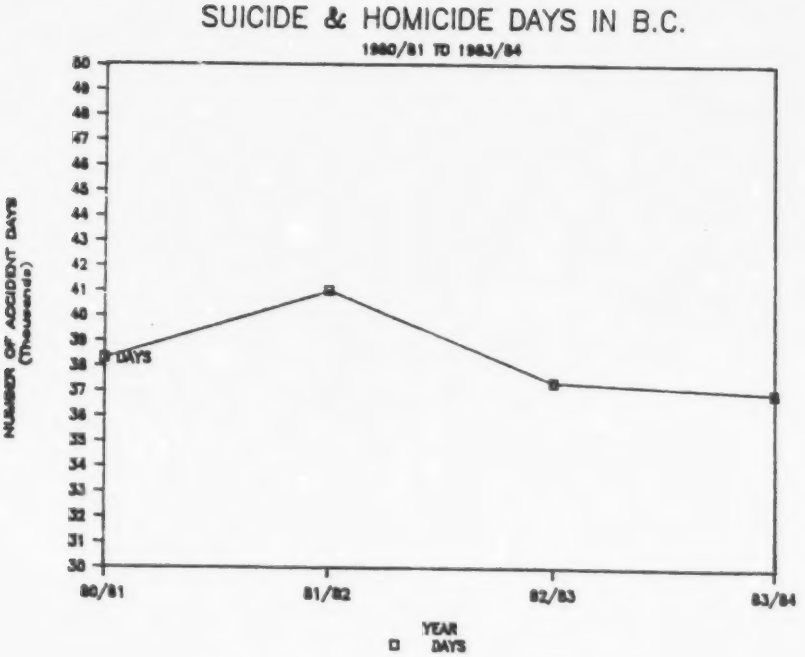


Figure 11

TABLE 7A

HOSPITALIZED ACCIDENTS INVOLVING SUICIDE, HOMICIDE & UNDETERMINED BY INJURY AND APRIL 1, 1983 TO MARCH 31, 1984

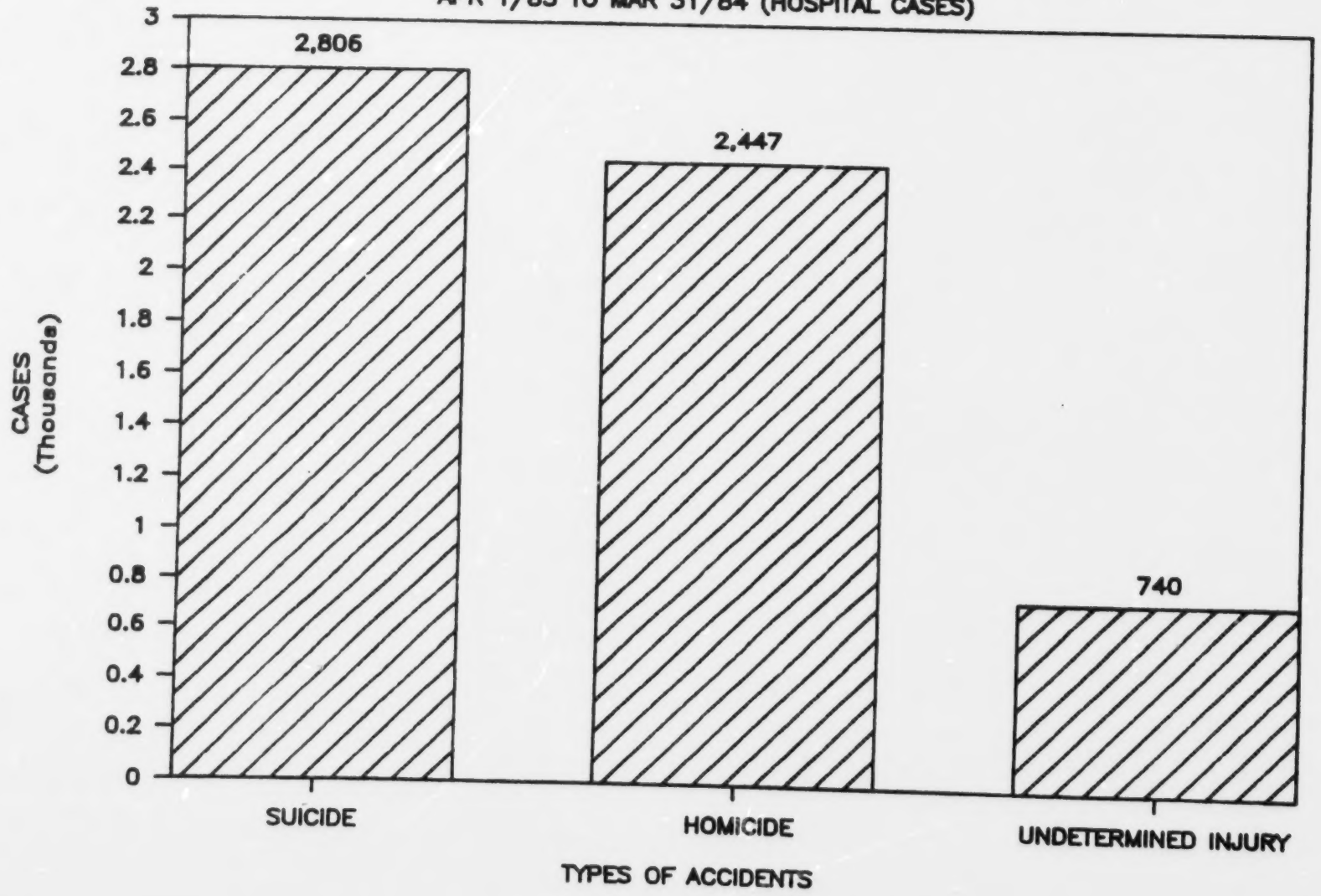
CASES

TYPE OF ACCIDENT INVOLVING SUICIDE, HOMICIDE & UNDETERMINED INJURY

INJURY AND POISONING	SUICIDE	HOMICIDE	UNDETERMINED INJURY	ROW TOTALS
1 FRACTURE OF SKULL	14	615	2	631
2 FRACTURE OF SPINE AND TRUNK	18	40	1	59
3 FRACTURE OF UPPER LIMB	6	160	5	171
4 FRACTURE OF LOWER LIMB	11	98	17	126
5 DISLOCATION	1	43	2	46
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	1	21	11	33
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	9	258	3	270
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	30	143	10	183
9 OPEN WOUND OF HEAD, NECK, TRUNK	58	336	13	407
10 OPEN WOUND OF UPPER LIMB	193	114	18	325
11 OPEN WOUND OF LOWER LIMB	4	11	5	20
12 INJURY OF BLOOD VESSELS	12	8	1	21
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	12	55	23	90
14 SUPERFICIAL INJURY	8	35	2	45
15 CONTUSION WITH INTACT SKIN SURFACE	6	310	6	322
16 CRUSHING INJURY	0	1	0	1
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	11	3	3	17
18 BURNS	11	5	13	29
19 INJURY TO NERVES & SPINAL CORD	6	10	2	18
20 CERTAIN TRAUMATIC COMPLICATIONS	20	61	4	85
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	2,114	3	435	2,552
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	146	5	91	242
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	23	35	9	67
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	4	2	3	9
25 UNSPECIFIED	88	75	61	224
TOTAL INJURIES AND POISONINGS	2,806	2,447	740	5,993
PERCENT OF TOTAL:	46.8%	40.8%	12.3%	100.0%

SUICIDE/HOMICIDE/UNDETERMINED ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL CASES)



Graph 7A

TABLE 7B

HOSPITALIZED ACCIDENTS INVOLVING SUICIDE, HOMICIDE & UNDETERMINED BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984

DAYS

TYPE OF ACCIDENT INVOLVING SUICIDE, HOMICIDE & UNDETERMINED INJURY

INJURY AND POISONING	SUICIDE	HOMICIDE	UNDETERMINED INJURY	ROW TOTALS
1 FRACTURE OF SKULL	260	2,293	8	2,561
2 FRACTURE OF SPINE AND TRUNK	710	314	5	1,029
3 FRACTURE OF UPPER LIMB	47	624	153	824
4 FRACTURE OF LOWER LIMB	366	854	303	1,523
5 DISLOCATION	23	103	2	128
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	2	91	59	152
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	64	1,248	37	1,349
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	526	1,029	158	1,713
9 OPEN WOUND OF HEAD, NECK, TRUNK	654	1,380	133	2,167
10 OPEN WOUND OF UPPER LIMB	2,089	393	159	2,641
11 OPEN WOUND OF LOWER LIMB	36	35	40	111
12 INJURY OF BLOOD VESSELS	61	75	1	137
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	100	599	153	852
14 SUPERFICIAL INJURY	86	126	2	214
15 CONTUSION WITH INTACT SKIN SURFACE	103	988	99	1,190
16 CRUSHING INJURY	0	2	0	2
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	57	14	14	85
18 BURNS	220	108	278	606
19 INJURY TO NERVES & SPINAL CORD	166	67	2	235
20 CERTAIN TRAUMATIC COMPLICATIONS	135	259	23	417
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	12,285	10	2,369	14,664
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	886	20	383	1,289
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	213	440	55	708
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	119	17	6	142
25 UNSPECIFIED	917	506	812	2,235
TOTAL INJURIES AND POISONINGS	20,125	11,595	5,254	36,974
PERCENT OF TOTAL:	54.4%	31.4%	14.2%	100.0%

TABLE 7C

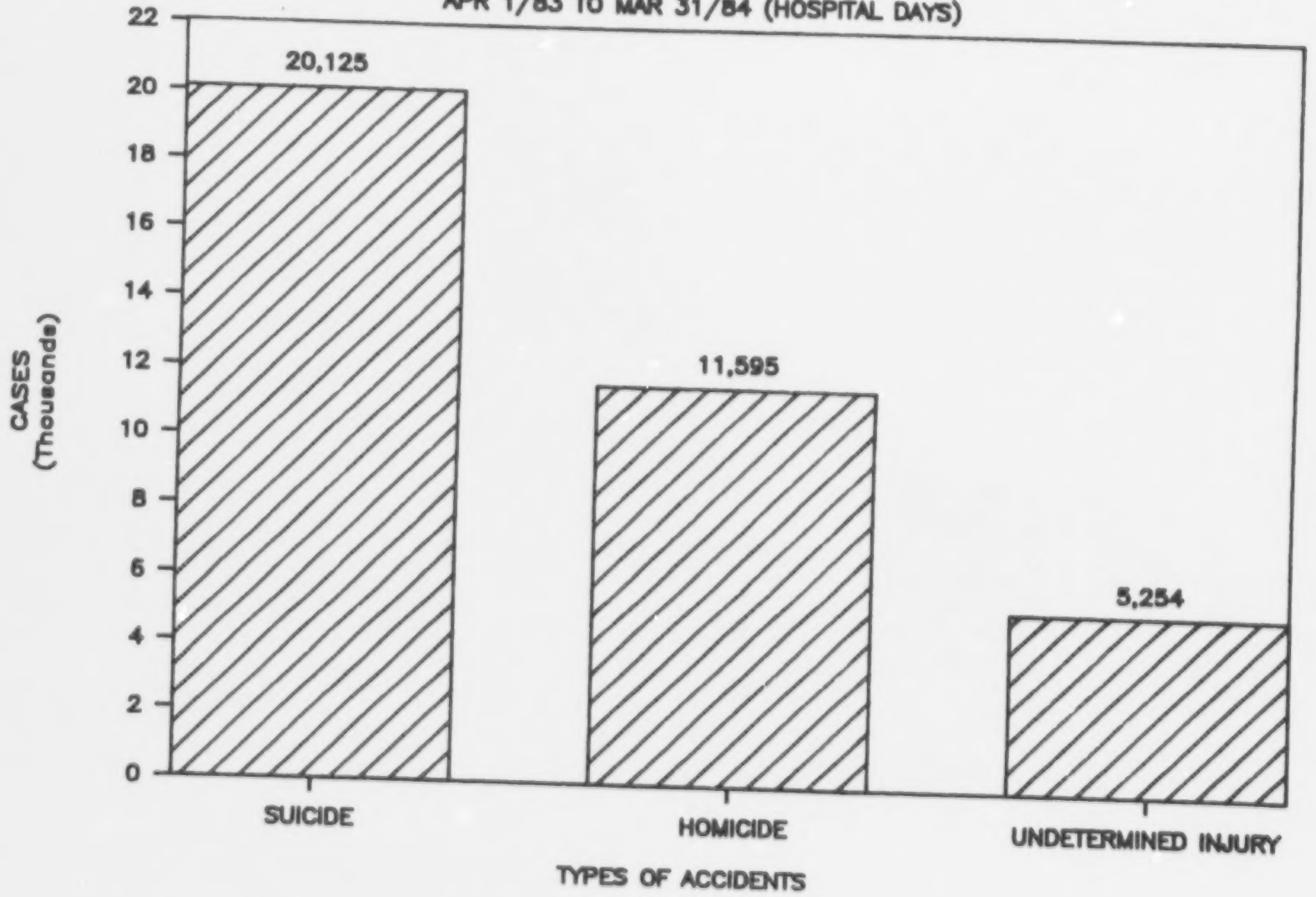
CASES

HOSPITALIZED SUICIDE, HOMICIDE AND UNDETERMINED ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF ACCIDENT INVOLVING SUICIDE, HOMICIDE & UNDETERMINED INJURY

AGE GROUP	SUICIDE		HOMICIDE		UND. INJURY		TOTAL	
	M	F	M	F	M	F	M	F
UNDER 1 YEAR	1	0	11	11	2	1	14	12
1-4 YEARS	3	0	17	21	8	1	28	22
5-9 YEARS	1	0	16	7	5	1	22	8
10-14 YEARS	19	94	33	21	11	22	63	137
15-19 YEARS	153	309	227	69	54	50	434	428
20-24 YEARS	214	243	435	94	50	34	699	371
25-29 YEARS	193	252	317	91	55	33	565	376
30-34 YEARS	154	187	250	59	39	43	443	289
35-39 YEARS	114	168	157	47	32	30	303	245
40-44 YEARS	48	119	110	56	19	36	177	211
45-49 YEARS	55	93	85	26	21	21	161	140
50-54 YEARS	50	67	68	32	17	20	135	119
55-59 YEARS	33	43	54	17	13	14	100	74
60-64 YEARS	29	33	26	10	13	14	68	57
65-69 YEARS	15	26	16	11	11	12	42	49
70-74 YEARS	16	14	12	5	8	14	36	33
75-79 YEARS	17	13	7	8	12	5	36	26
80 + YEARS	16	12	12	8	7	11	35	31
TOTAL	1,131	1,673	1,853	593	377	362	3,361	2,628

SUICIDE/HOMICIDE/UNDETERMINED ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL DAYS)



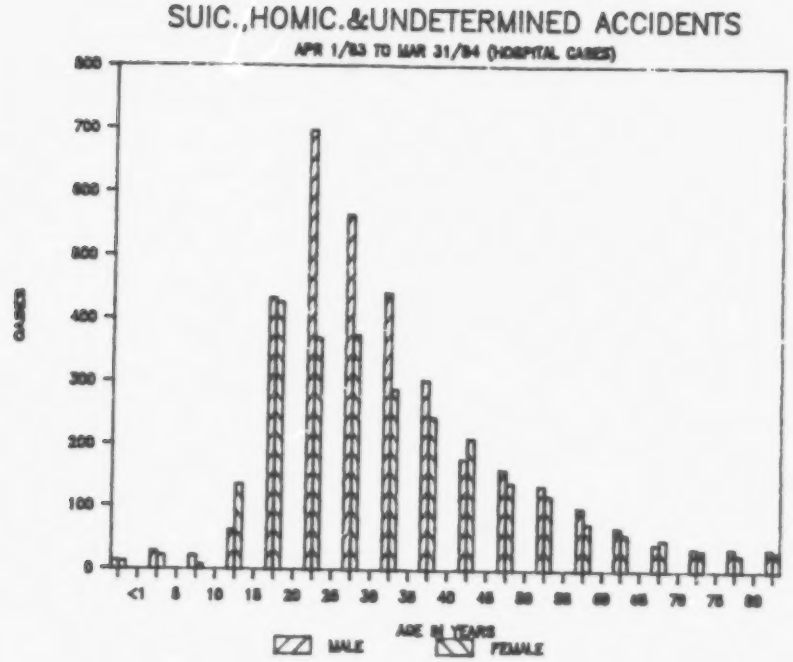
Graph 78

TABLE 7D

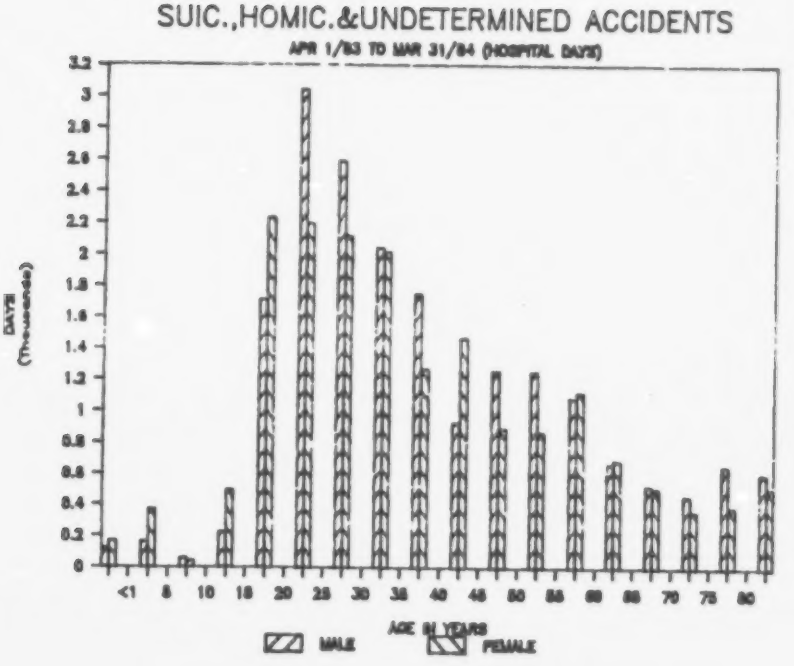
DAYS

HOSPITALIZED SUICIDE, HOMICIDE, AND UNDETERMINED ACCIDENTS BY SEX AND AGE GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF ACCIDENT INVOLVING SUICIDE, HOMICIDE AND UNDETERMINED INJURY

AGE GROUP	SUICIDE		HOMICIDE		UNDETERM. INJURY		TOTAL	
	M	F	M	F	M	F	M	F
UNDER 1 YEAR	1	0	99	120	20	49	120	169
1-4 YEARS	3	0	129	372	31	1	163	373
5-9 YEARS	1	0	48	40	10	1	59	41
10-14 YEARS	88	350	112	111	24	35	224	496
15-19 YEARS	773	1,644	605	355	340	238	1,718	2,237
20-24 YEARS	1,558	1,741	1,246	378	245	84	3,049	2,203
25-29 YEARS	1,127	1,567	1,254	351	217	204	2,598	2,122
30-34 YEARS	813	1,517	1,114	239	121	269	2,048	2,025
35-39 YEARS	741	749	760	164	256	362	1,757	1,275
40-44 YEARS	290	930	554	360	85	184	929	1,474
45-49 YEARS	577	590	568	99	117	208	1,262	897
50-54 YEARS	582	559	463	160	214	153	1,259	872
55-59 YEARS	194	724	686	130	208	271	1,088	1,125
60-64 YEARS	334	485	250	95	84	109	668	689
65-69 YEARS	224	275	109	92	190	144	523	511
70-74 YEARS	283	183	121	26	57	156	461	365
75-79 YEARS	264	294	129	55	264	43	657	392
80 + YEARS	324	338	128	69	151	108	603	515
TOTAL	8,177	11,946	8,375	3,216	2,634	2,619	19,186	17,781



Graph 7C



Graph 7D

SECTION VIII

HOSPITALIZED WAR, LEGAL, AND OTHER ACCIDENTS

IN BRITISH COLUMBIA

WAR, LEGAL AND OTHER (E916 - E928)

* Other accidents not defined elsewhere:

Struck accidentally by a falling object.

Striking against or struck accidentally by objects or persons

Caught accidentally in or between objects.

Accidents caused by machinery.

Accidents caused by cutting and piercing instruments or objects.

Accident caused by explosion of pressure vessel.

Accident caused by firearm missile.

Accident caused by explosive material

...2

War, Legal and Other - Continued

Accident caused by hot substances or object caustic or corrosive material and steam.

Accident caused by electric current.

Exposure to radiation.

Over exertion and strenuous movements.

Other and unspecified environmental and accidental causes.

* Definitions adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

WAR, LEGAL AND OTHER ACCIDENTS

This category contains accidents resulting from war or legal intervention and accidents which have not fallen into the other categories. These accidents account for 8,776 or 13.5% of all hospitalized accident cases (Table and Graph 8A) and 51,218 or 7.3% of all hospital accident days (Table and Graph 8B).

Within this category, war accounted for only ten hospital case admissions, and legal intervention five. Vital Statistics records two deaths in 1984 as a result of legal intervention. The two deaths resulting from operations of war both affected individuals eighty years and over. The remaining cases (99.8% of cases in this category) were attributed to "other" accidents.

TABLE 8A

CASES

HOSPITALIZED WAR, LEGAL AND OTHER ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF ACCIDENT

INJURY AND POISONING	OTHER ACCIDENTS	WAR	LEGAL INTERFERENCE	ROW TOTALS
1 FRACTURE OF SKULL	325	0	0	325
2 FRACTURE OF SPINE AND TRUNK	280	0	0	280
3 FRACTURE OF UPPER LIMB	624	0	0	624
4 FRACTURE OF LOWER LIMB	859	0	1	860
5 DISLOCATION	639	0	0	639
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	1,324	0	0	1,324
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	447	0	0	447
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	150	0	1	151
9 OPEN WOUND OF HEAD, NECK, TRUNK	346	1	1	348
10 OPEN WOUND OF UPPER LIMB	989	1	0	990
11 OPEN WOUND OF LOWER LIMB	351	0	0	351
12 INJURY OF BLOOD VESSELS	43	0	0	43
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	105	2	1	108
14 SUPERFICIAL INJURY	119	0	0	119
15 CONTUSION WITH INTACT SKIN SURFACE	539	0	0	539
16 CRUSHING INJURY	113	0	0	113
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	11	0	0	11
18 BURNS	642	1	0	643
19 INJURY TO NERVES & SPINAL CORD	110	0	0	110
20 CERTAIN TRAUMATIC COMPLICATIONS	210	1	0	211
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	2	0	0	2
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	1	0	0	1
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	64	0	1	65
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	36	0	0	36
25 UNSPECIFIED	432	4	0	436
TOTAL INJURIES AND POISONINGS	8,761	10	5	8,776
PERCENT OF TOTAL:	99.8%	0.1%	0.1%	100.0%

TABLE 86

DAYS

HOSPITALIZED WAR, LEGAL AND OTHER ACCIDENTS BY INJURY AND POISONING GROUP
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF ACCIDENT

INJURY AND POISONING	OTHER ACCIDENTS	WAR	LEGAL INTERFERENCE	ROW TOTALS
1 FRACTURE OF SKULL	1,457	0	0	1,457
2 FRACTURE OF SPINE AND TRUNK	4,306	0	0	4,306
3 FRACTURE OF UPPER LIMB	1,874	0	0	1,874
4 FRACTURE OF LOWER LIMB	8,740	0	8	8,748
5 DISLOCATION	3,076	0	0	3,076
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	5,923	0	0	5,923
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	1,908	0	0	1,908
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	864	0	19	883
9 OPEN WOUND OF HEAD, NECK, TRUNK	1,282	3	4	1,289
10 OPEN WOUND OF UPPER LIMB	2,847	1	0	2,848
11 OPEN WOUND OF LOWER LIMB	2,087	0	0	2,087
12 INJURY OF BLOOD VESSELS	313	0	0	313
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	698	4	12	714
14 SUPERFICIAL INJURY	912	0	0	912
15 CONTUSION WITH INTACT SKIN SURFACE	2,238	0	0	2,238
16 CRUSHING INJURY	592	0	0	592
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	23	0	0	23
18 BURNS	6,854	20	0	6,874
19 INJURY TO NERVES & SPINAL CORD	773	0	0	773
20 CERTAIN TRAUMATIC COMPLICATIONS	1,056	3	0	1,059
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	2	0	0	2
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	2	0	0	2
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	248	0	13	261
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	380	0	0	380
25 UNSPECIFIED	2,590	86	0	2,676
TOTAL INJURIES AND POISONINGS	51,045	117	56	51,218
PERCENT OF TOTAL:	99.7%	0.2%	0.1%	100.0%

S E C T I O N IX

DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES

CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE

DRUGS (E930 - E949)

* Drugs, medicaments and biological substances causing adverse effects in therapeutic use, including correct drug properly administered in therapeutic or prophylactic dosage, as the cause of an adverse effect.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES

This category of the accident report as previously pointed out, deals with the entire range of drugs, medicaments and biological substances causing adverse effects in therapeutic use (E930 - E949). It does not include accidental overdoses of a drug or cases where a wrong drug was given or taken in error, or taken with homicidal or suicidal intent, or where there is an accident in the technique of drug administration.

There were 4,627 drug related accident cases in British Columbia in 1983/84 accounting for 7.1% of accident hospital admissions (Table 1A). These cases utilized 55,525 days or 7.9% of all hospital accident days (Table 1B) and accounted for an average length of stay of 12.0 days.

According to Vital Statistics, 15 individuals died as a result of an adverse reaction to a drug, medicament, or biological substance during therapeutic use in 1984.

SECTION X

HOSPITALIZED ACCIDENTS IN BRITISH COLUMBIA INVOLVING LATE EFFECTS

LATE EFFECTS (E929)

* This category is to be used to indicate accidental injury as the cause of death or disability from late effects, which are themselves classifiable elsewhere. The "late effects" include conditions reported as such, or occurring as sequela one year or more after accidental injury.

* Definition adapted from the International Classification of Diseases, 1975 Revision, Volume 1, World Health Organization.

LATE EFFECTS

Late effects constitute a very small accident category accounting for 1,238 hospitalized accident cases or 1.9% of all hospitalized accident cases, and 14,547 or 2.1% of all accident days.

SECTION XI

SECOND OCCURRENCE OF AN E-CODE

SECOND OCCURRENCE OF AN E-CODE

This defines the situation where a second E-Code, or second accident is encountered on an admission/separation record.

SECOND OCCURRENCE OF AN E-CODE

This section of the report deals with the situation where a second E-Code or second accident is encountered on an admission/separation record. There were 4,909 of these second accident cases recorded in 1983/84; 1,643 or 33.5% of which fell into the "abnormal reaction and misadventure" category particularly as a complication of surgery and medical care or a fracture of a lower limb. The next largest category into which second accidents fall is "suicide, homicide and undetermined injury" cases which account for 15.8% of second accidents, 534 or 69% are a result of poisoning by "drugs, medicaments and biological substances."

Falls are the third largest category accounting for 755 days or 15.4% of second accidents.

Significantly, the average length of stay of 19.9 days for a second accident is dramatically higher than the highest category of first accidents which is "abnormal reaction and misadventure" at 15.61 days.

TABLE 11A

CASES

SECOND OCCURRENCE OF AN "E" CODE FOR HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984

INJURY AND POISONING	TYPE OF ACCIDENT									
	TRANS.	POISON	MISADV. & ABN.RX.	FALLS	FIRE ENVIRON SUBMER	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR LEGAL OTHER ACC.	ROW TOTALS
1 FRACTURE OF SKULL	42	2	33	26	3	2	4	26	19	157
2 FRACTURE OF SPINE AND TRUNK	71	2	76	43	4	1	18	2	15	232
3 FRACTURE OF UPPER LIMB	73	0	47	124	2	1	6	10	29	292
4 FRACTURE OF LOWER LIMB	98	4	520	223	8	10	31	4	49	947
5 DISLOCATION	13	0	18	27	0	1	4	4	11	78
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	21	0	12	50	2	1	13	3	35	137
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	100	6	24	54	1	2	8	18	28	241
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	42	2	40	12	2	0	3	14	7	122
9 OPEN WOUND OF HEAD, NECK, TRUNK	14	1	13	7	8	0	5	17	20	85
10 OPEN WOUND OF UPPER LIMB	3	2	3	8	2	0	4	27	32	81
11 OPEN WOUND OF LOWER LIMB	4	0	6	0	0	0	0	2	11	23
12 INJURY OF BLOOD VESSELS	0	0	1	1	0	0	0	0	3	5
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	1	37	5	2	3	6	1	3	58
14 SUPERFICIAL INJURY	3	1	3	1	0	3	2	1	2	16
15 CONTUSION WITH INTACT SKIN SURFACE	30	2	14	23	1	1	8	11	28	118
16 CRUSHING INJURY	1	0	5	0	0	0	0	0	2	8
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	12	1	16	0	1	0	0	30
18 BURNS	4	1	28	3	17	0	4	2	30	89
19 INJURY TO NERVES & SPINAL CORD	3	0	3	6	1	0	1	2	3	19
20 CERTAIN TRAUMATIC COMPLICATIONS	10	1	5	10	2	0	3	6	6	43
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	3	90	38	33	1	4	69	534	8	780
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	25	1	6	9	0	4	63	4	112
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	5	3	14	10	8	1	47	6	2	96
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	4	5	544	50	8	17	124	2	13	767
25 UNSPECIFIED	8	6	146	32	4	9	140	20	8	373
TOTAL INJURIES AND POISONINGS	552	154	1,643	755	101	56	505	775	368	4,909
PERCENT OF TOTAL:	11.2%	3.1%	33.5%	15.4%	2.1%	1.1%	10.3%	15.8%	7.5%	100.0%

TABLE 118

SECOND OCCURRENCE OF AN "E" CODE FOR HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984

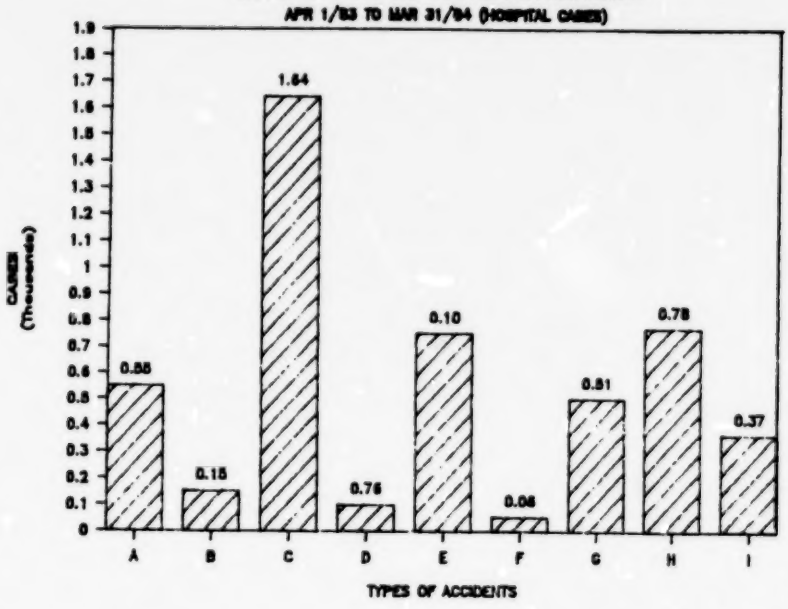
DAYS

TYPE OF ACCIDENT

INJURY AND POISONING	TRANS.	POISON	MISADV. & ABN.RX.	FALLS	FIRE ENVIRON SUBMER	LATE EFFECTS	DRUGS ETC.	SUICIDE HOMICIDE UNDETERM.	WAR LEGAL OTHER ACC.	ROW TOTALS
1 FRACTURE OF SKULL	856	9	1,534	129	29	70	37	220	124	3,008
2 FRACTURE OF SPINE AND TRUNK	747	81	3,018	932	176	74	383	10	201	5,622
3 FRACTURE OF UPPER LIMB	236	0	1,003	749	32	15	73	41	82	2,231
4 FRACTURE OF LOWER LIMB	1,438	227	21,167	3,008	87	310	883	14	409	27,543
5 DISLOCATION	61	0	425	108	0	5	16	9	37	661
6 SPRAINS AND STRAINS OF JOINTS AND ADJACENT MUSCLES	74	0	151	229	7	51	246	9	268	1,035
7 INTRACRANIAL INJURY,EXCLUDING SKULL FRACTURE	891	48	1,407	202	20	15	147	113	167	3,010
8 INTERNAL INJURY OF CHEST, ABDOMEN AND PELVIS	697	16	1,027	72	22	0	35	138	40	2,047
9 OPEN WOUND OF HEAD, NECK, TRUNK	69	3	377	48	14	0	119	82	95	807
10 OPEN WOUND OF UPPER LIMB	6	7	86	79	9	0	114	307	89	697
11 OPEN WOUND OF LOWER LIMB	41	0	74	0	0	0	0	7	34	156
12 INJURY OF BLOOD VESSELS	0	0	71	7	0	0	0	0	21	99
13 LATE EFFECTS OF INJURIES, POISONINGS ETC.	0	5	1,488	65	19	31	309	1	221	2,139
14 SUPERFICIAL INJURY	11	2	419	14	0	12	32	1	10	501
15 CONTUSION WITH INTACT SKIN SURFACE	82	2	407	288	5	1	214	47	129	1,175
16 CRUSHING INJURY	1	0	141	0	0	0	0	0	11	153
17 EFFECTS OF FOREIGN BODY ENTERING THROUGH ORIFICE	0	0	250	17	21	0	5	0	0	293
18 BURNS	10	11	1,105	39	291	0	73	23	324	1,876
19 INJURY TO NERVES & SPINAL CORD	10	0	111	60	37	0	44	33	3	298
20 CERTAIN TRAUMATIC COMPLICATIONS	24	2	158	67	44	0	16	36	70	417
21 POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	80	289	792	247	1	29	849	3,190	54	5,531
22 TOXIC EFFECTS OF SUBSTANCES CHIEFLY NONMEDICINAL SOURCE	0	40	71	109	65	0	116	178	12	591
23 OTHER AND UNSPECIFIED EFFECTS OF EXTERNAL CAUSES	9	18	506	122	47	10	1,190	104	25	2,031
24 COMPLICATIONS OF SURG. & MED. CARE NOT ELSEWHERE CLASSIFIED	101	281	18,688	2,846	335	406	3,469	41	221	26,388
25 UNSPECIFIED	72	13	5,367	720	11	133	2,479	298	292	9,385
TOTAL INJURIES AND POISONINGS	5,516	1,054	59,843	10,157	1,272	1,162	10,849	4,902	2,939	97,694
PERCENT OF TOTAL:	5.6%	1.1%	61.3%	10.4%	1.3%	1.2%	11.1%	5.0%	3.0%	100.0%

2ND E-CODE OCCURRENCES

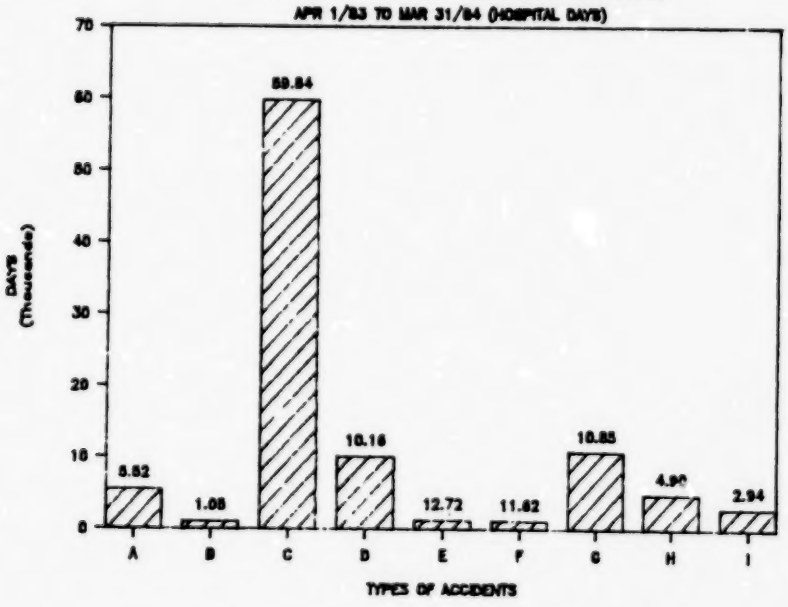
APR 1/83 TO MAR 31/84 (HOSPITAL CASES)



A = Transportation	=	[illegible]
B = Poison	=	1,354
C = Misadv. & Abn.Rx.	=	[illegible]
D = Falls	=	[illegible]
E = Fire,Env. & Subm.	=	[illegible]
F = Late Effects	=	[illegible]
G = Drugs, Etc.	=	[illegible]
H = Suic.Homic. & Und.	=	[illegible]
I = War,Legal & Oth Acc.	=	[illegible]
TOTAL	=	[illegible]

2ND "E" CODE OCCURRENCES

APR 1/83 TO MAR 31/84 (HOSPITAL DAYS)



A = Transportation	=	552
B = Poison	=	154
C = Misadv. & Abn.Rx.	=	1,643
D = Falls	=	755
E = Fire,Env. & Subm.	=	121
F = Late Effects	=	56
G = Drugs, Etc.	=	575
H = Suic.Homic. & Und.	=	775
I = War,Legal & Oth.Acc.	=	368
TOTAL	=	4,993

SECTION XII

TOP TEN OPERATIONS PERFORMED ON ACCIDENTS

TOP TEN OPERATIONS PERFORMED ON ACCIDENTS

64,769 accidents occurred in British Columbia in 1983/84, and 45,397 operations were performed on patients that had an accident. There is, however, nothing to indicate on these two tables that the accident was necessarily related to the operation, except that both occurred within the same year. It can be surmised that a good portion of those 45,397 operations in 1983/84 are probably the result of an accident, the implications of which are staggering.

TABLE 12A

HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT
APRIL 1, 1983 TO MARCH 31, 1984
TYPE OF ACCIDENT

CASES

RANK	OPERATION GROUP	TRANS.	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & SUBM.	LATE EFFECTS	DRUGS ETC	SUICIDE HOMICIDE UNDETERM.	WAR, LEGAL & OTH.ACC.	ROW TOTALS
1	MUSCULOSKELETAL	2,585	5	1,552	7,474	77	453	116	710	3,338	16,310
2	DIAGNOSTIC	1,634	264	1,952	3,189	505	140	1,951	1,160	1,059	11,834
3	DIG. & ABDOMINAL	135	11	2,733	94	48	19	324	130	119	3,613
4	SKIN SUBCUTANEOUS	924	7	434	484	144	99	40	368	713	3,213
5	CARDIOVASCULAR	54	6	2,222	56	9	17	138	62	96	2,660
6	NERVOUS	190	10	402	196	14	99	68	66	225	1,270
7	FEMALE G.I.	4	4	1,105	13	2	3	81	14	19	1,245
8	URINARY	166	10	629	136	11	16	127	47	59	1,201
9	EYES	79	3	438	67	57	21	23	68	153	909
10	NOSE	120	1	320	77	18	50	41	114	87	828
11	RESPIRATORY	128	2	320	75	11	6	40	76	40	698
12	MALE G.I.	12	1	468	35	1	4	51	10	22	604
13	HEMIC & LYMPHATIC	72	1	91	33	3	2	59	10	15	286
14	BREAST	1	0	236	9	0	1	14	2	5	268
15	OBSTETRICAL	5	4	210	8	2	3	28	1	5	266
16	EARS	27	0	45	8	3	8	3	6	11	111
17	ENDOCRINE	0	0	39	0	1	0	4	3	0	47
18	NOT ELSEWHERE	0	0	14	7	1	0	7	1	4	34
	TOTAL CASES	6,136	329	13,190	11,961	907	941	3,115	2,848	5,970	45,397
	PERCENT OF TOTAL:	13.5%	0.7%	29.1%	26.3%	2.0%	2.1%	6.9%	6.3%	13.2%	100.0%

TABLE 12B

HOSPITALIZED ACCIDENTS BY INJURY AND POISONING GROUP AND TYPE OF ACCIDENT

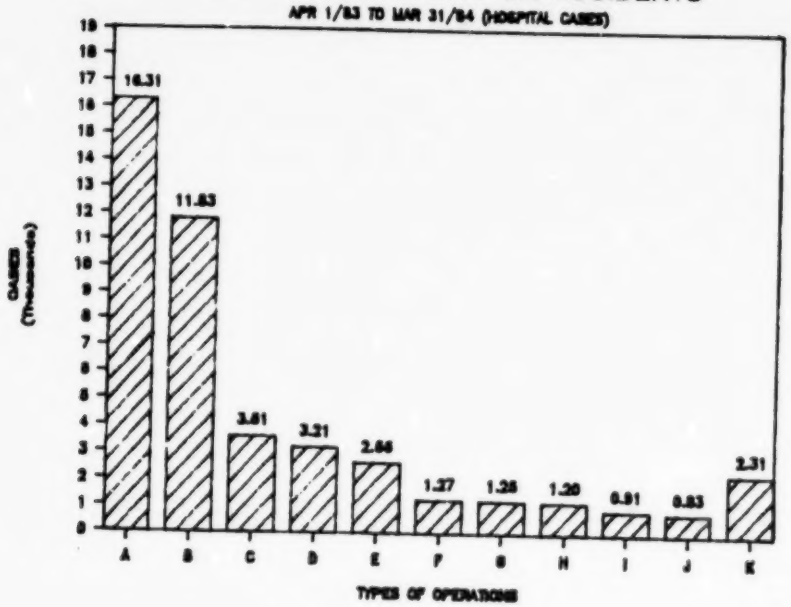
DAYS

TYPE OF ACCIDENT

RANK	OPERATION GROUP	TRANS.	POISON	MISADV. & ABN.RX.	FALLS	FIRE, ENV. & BURN.	LATE EFFECTS	DRUGS ETC	SUICIDE HOMICIDE UNDETERM	WAR LEGAL OTHER	ROW TOTALS
1	MUSCULOSKELETAL	29,797	85	33,540	94,842	498	3,240	2,139	4,138	14,896	183,175
2	DIAGNOSTIC	14,486	1,980	30,443	47,698	2,180	2,080	24,674	10,330	8,472	142,363
3	DIG. & ABDOMINAL	1,934	97	54,720	1,937	878	448	5,998	1,752	805	68,569
4	CARDIOVASCULAR	1,043	112	37,056	865	329	118	2,264	741	601	43,129
5	SKIN SUBCUTANEOUS	5,055	32	7,692	4,538	2,487	1,894	451	2,297	5,537	29,983
6	NERVOUS	4,935	32	9,533	4,015	422	476	1,158	1,240	1,313	23,124
7	URINARY	1,705	121	11,855	2,257	106	465	1,848	535	634	19,526
8	RESPIRATORY	2,571	154	8,398	1,583	321	58	954	817	443	15,299
9	FEMALE G.I.	13	28	9,192	86	17	90	591	186	67	10,270
10	MALE G.I.	275	15	6,794	787	9	76	786	80	297	9,119
11	MENIC & LYMPHATIC	1,359	8	2,742	681	22	14	982	131	216	6,155
12	EYES	284	6	2,195	863	261	81	168	326	869	5,053
13	NOSE	445	31	2,019	614	57	150	498	471	192	4,477
14	OBSTETRICAL	53	17	1,918	108	5	11	251	5	23	2,391
15	BREAST	7	0	1,676	286	0	1	155	4	15	2,144
16	ENDOCRINE	0	0	558	0	10	0	67	12	0	647
17	EARS	98	0	194	73	4	18	164	36	59	646
18	NOT ELSEWHERE	0	0	56	185	1	0	44	1	10	297
	TOTAL DAYS	64,060	2,718	220,601	161,418	7,607	9,220	43,192	23,102	34,449	566,367
	PERCENT OF TOTAL:	11.3%	0.5%	39.0%	28.5%	1.3%	1.6%	7.6%	4.1%	6.1%	100.0%

TOP 10 OPERATIONS ON ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL CASES)

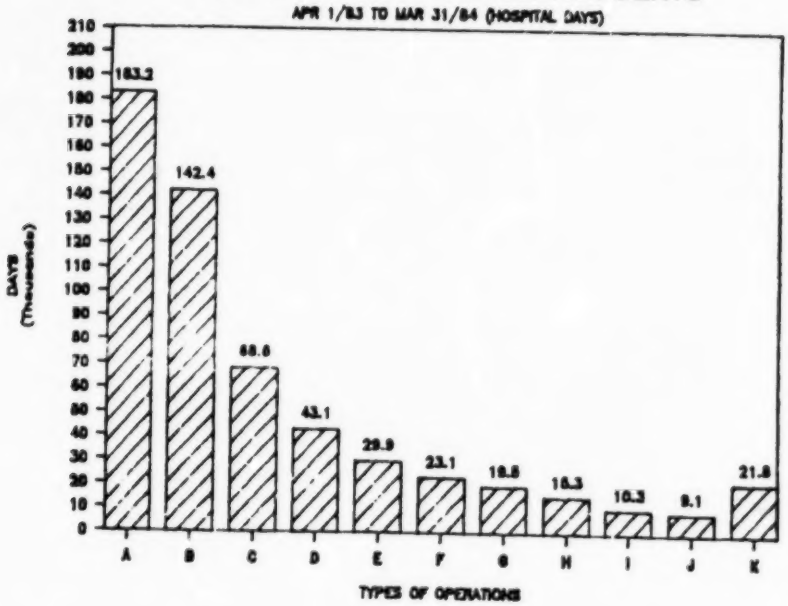


Graph 12A

A = Musculoskeletal	=	16,310
B = Diagnostic	=	11,834
C = Dig. & Abdominal	=	3,613
D = Skin Subcutaneous	=	3,213
E = Cardiovascular	=	2,660
F = Nervous	=	1,270
G = Female G.I.	=	1,249
H = Urinary	=	1,201
I = Eyes	=	909
J = Nose	=	828
K = Other	=	2,314
TOTAL	=	45,397

TOP 10 OPERATIONS ON ACCIDENTS

APR 1/83 TO MAR 31/84 (HOSPITAL DAYS)



Graph 12B

A = Musculoskeletal	=	183,175
B = Diagnostic	=	142,363
C = Dig. & Abdominal	=	68,569
D = Cardiovascular	=	43,129
E = Skin Subcutaneous	=	29,983
F = Nervous	=	23,124
G = Urinary	=	19,525
H = Respiratory	=	15,299
I = Female G.I.	=	10,270
J = Male G.I.	=	9,119
K = Other	=	21,880
TOTAL	=	566,357

CONCLUSION

Accidents account for 11.5% of total[1] hospital days or about 20.5% of acute/rehabilitation days in British Columbia. As a category they rank third after ischemic heart disease and cancer, as a cause of hospitalization and represent a considerable human, social, and financial cost to society.

But accidents can be avoided. What is needed is a general indicator base which over time pinpoints where accidents occur, to whom they occur and under which conditions they occur.

It is the elucidation of these key elements which helps provide the critical clues as to where intervention aimed at prevention may best reduce both the number and severity of accidents.

(1) Based on Admissions recorded on Hospital Programs HIA's.